

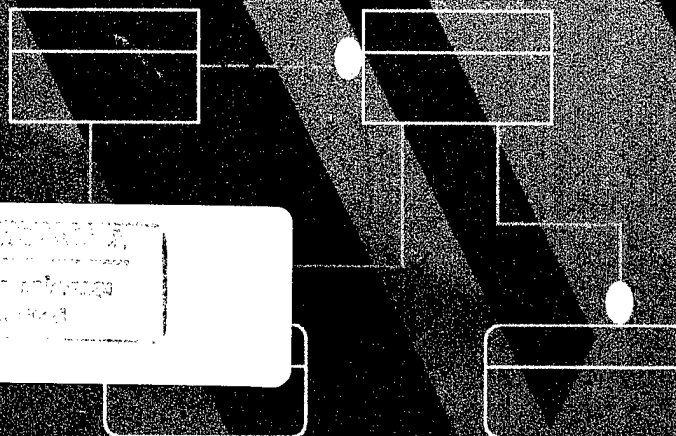
# Department of Defense Data Model

VERSION 1

FY 1999

Volume 4

30 November 1998



DEFENSE INFORMATION SYSTEMS AGENCY  
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Defense Information Systems Agency

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attention MS. Pat Mawby 767-8019

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4. Title and Subtitle:

**DOD Data Model Version 1-99 Volume 1**

Executive Summary

Introduction

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By Entity.

SECTION 2: Entity To View To Subject Area Cross Reference Sorted  
By View.

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 Appendix B. Acronyms  
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 DOD Data Model

5. Funding Numbers: C
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The DOD Data Model is an integrated view of data requirements for the Functional Areas and Components in the Department of Defense (DOD). It represents, in accordance with the DOD Data Administration 8320 series standards, a view of each data requirement.

Standard data items are represented as entities (prime words), attributes (data elements), and relationships. These objects are represented in graphical format on entity relationship diagrams (Volumes 2-5). The details of these objects are found in the entity report (Volume 6), the attribute report (Volume 7). Enhancements since the 1-98 DDM are located in Volume 8.

Version 1-99 of the DOD Data Model represents the first update in fiscal year 1999 with a cut-off date of 30 Nov 1998 for all DOD Data Dictionary System (DDDS) information.

The DOD Data Model is an integrated view of logical data models from the functional areas.

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# Section 3.15

## Materiel

## Section 3.15 Materiel Subject Area

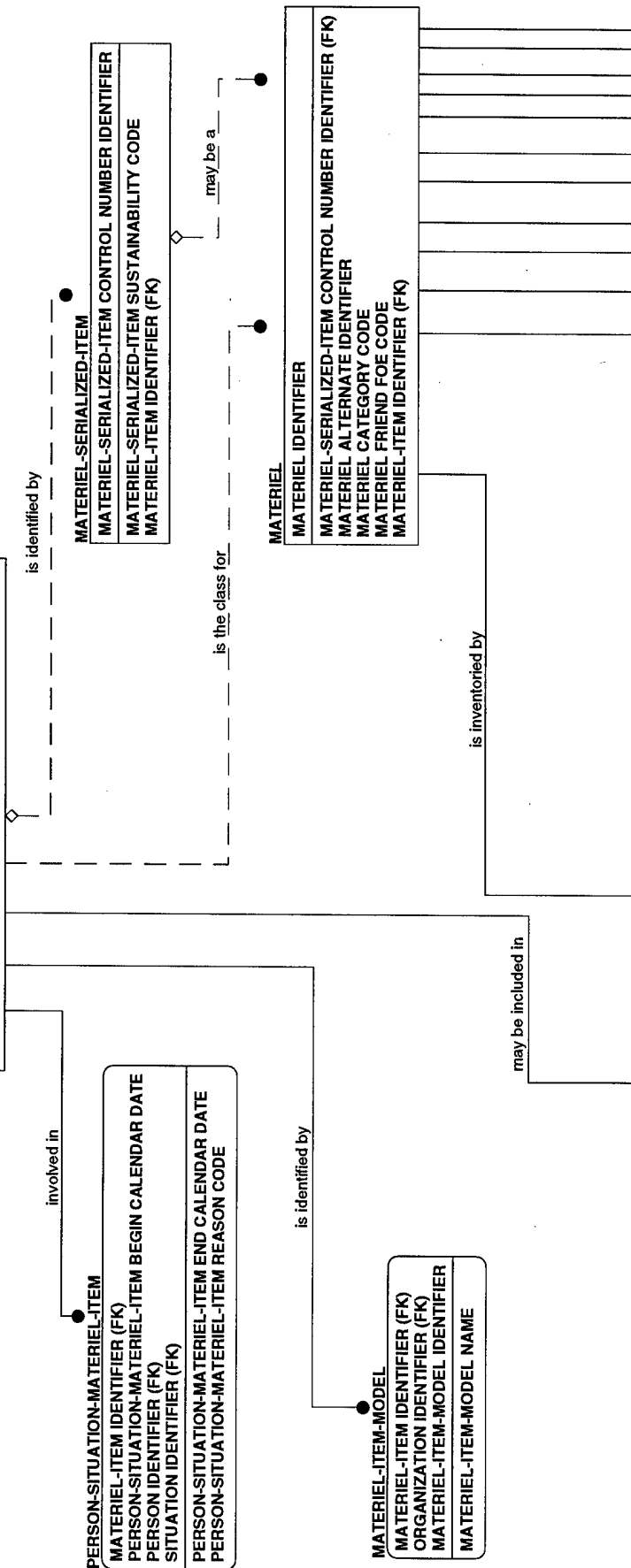
**Purpose:** The MATERIEL Subject Area View identifies the data relative to equipment and supply items used by an organization or required by some enterprise without distinction as to their application for administrative or combat purposes, and which are important to the accomplishment of the DoD mission.

**Note:** The following subsections contain the View data maps which comprise this Subject Area. Every data requirement within this Subject Area will be represented in at least one of the Views. The View data maps are in numeric order.

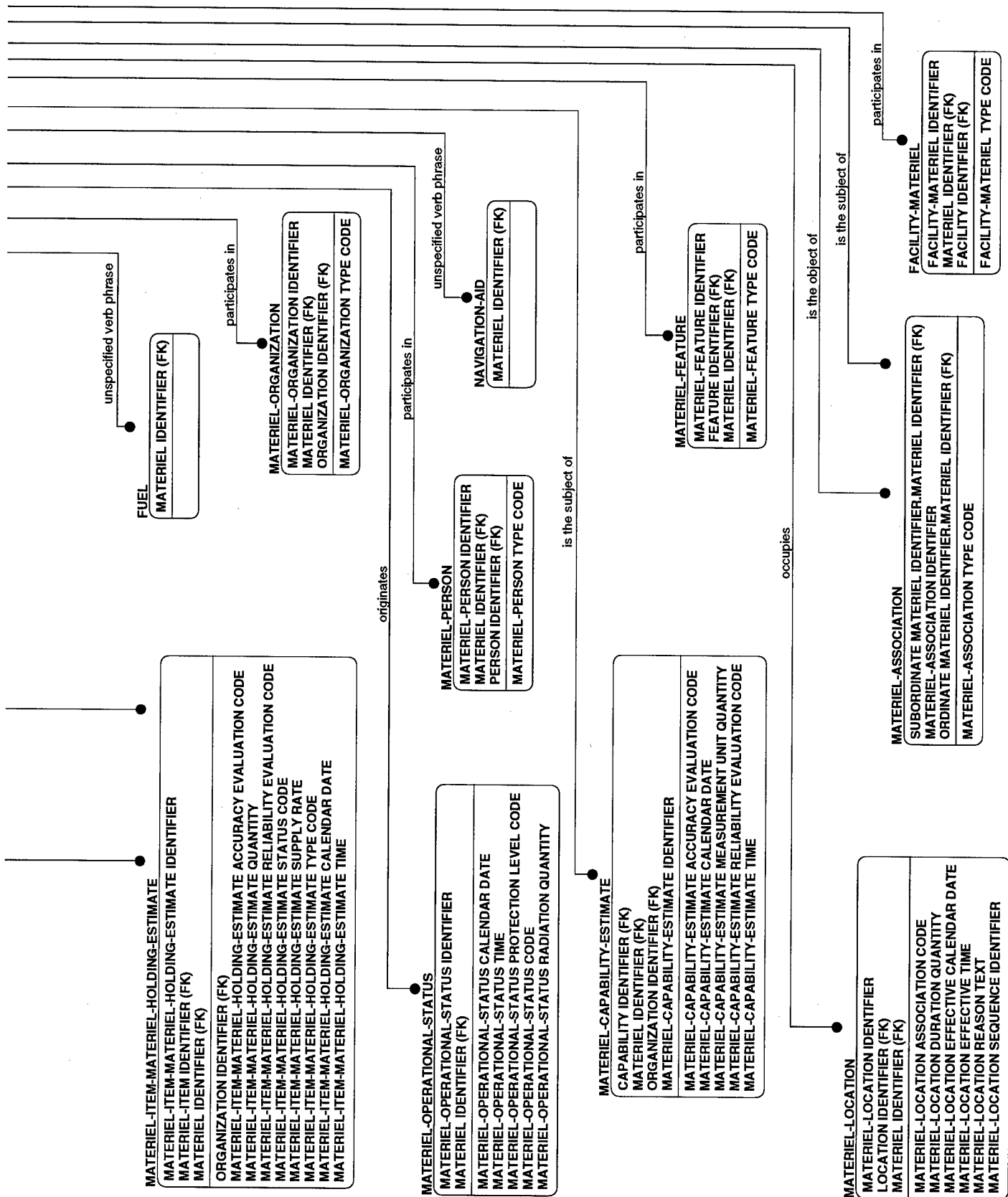
MA-01

Presentation Legend:  
**BOLD** = APPROVED  
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<b>MATERIEL-ITEM</b>
<b>MATERIEL-ITEM IDENTIFIER</b>
<b>COST-ALLOCATION-TYPE CODE (FK)</b>
<b>MATERIEL-ITEM CONTROL NUMBER TYPE CODE</b>
<b>MATERIEL-ITEM CRITICAL APPLICATION CODE</b>
<b>MATERIEL-ITEM DEMILITARIZATION CODE</b>
<b>MATERIEL-ITEM ESSENTIALITY CODE</b>
<b>MATERIEL-ITEM FEDERAL SUPPLY SCHEDULE IDENTIFIER</b>
<b>MATERIEL-ITEM FIRST ARTICLE TEST CODE</b>
<b>MATERIEL-ITEM FREIGHT INTEGRITY CODE</b>
<b>MATERIEL-ITEM NET CONTRACT DUEIN UNIT QUANTITY</b>
<b>MATERIEL-ITEM NET PURCHASE ORDER DUEIN UNIT QUANTITY</b>
<b>MATERIEL-ITEM PACKAGING DATA AVAILABILITY CODE</b>
<b>MATERIEL-ITEM PREFERRED INSPECTION PLACE CODE</b>
<b>MATERIEL-ITEM PREFERRED INSPECTION TYPE CODE</b>
<b>MATERIEL-ITEM PRODUCTION LEADTIME DAYS QUANTITY</b>
<b>MATERIEL-ITEM PURCHASE DESCRIPTION TEXT</b>
<b>MATERIEL-ITEM REFERENCE NUMBER IDENTIFIER</b>
<b>MATERIEL-ITEM SPECIAL ACTION IDENTIFIER</b>
<b>MATERIEL-ITEM TYPE CODE</b>
<b>MATERIEL-ITEM HIGH DOLLAR CODE</b>
<b>MATERIEL-ITEM SELECTIVELY MANAGED CODE</b>
<b>MATERIEL-ITEM PROMPT PAY DAY QUANTITY</b>
<b>MATERIEL-ITEM NAME</b>
<b>MATERIEL-ITEM COMMODITY TYPE CODE</b>
<i>MATERIEL-ITEM DESCRIPTION TEXT</i>
<b>MATERIEL-ITEM SHELF LIFE QUANTITY</b>
<b>MATERIEL-ITEM STORAGE REQUIREMENT TEXT</b>
<b>MATERIEL-ITEM END INDICATOR CODE</b>
<b>MATERIEL-ITEM PRODUCTION INDICATOR CODE</b>
<b>HAZARD-CHARACTERISTIC-CLASSIFICATION CODE (FK)</b>
<b>MEASURE-UNIT CODE (FK)</b>







MA-02

**LOGISTICS-EVENT**

LOGISTICS-EVENT DOCUMENT IDENTIFIER
LOGISTICS-EVENT DISTRIBUTION IDENTIFIER
LOGISTICS-EVENT MULTIPLIER FACTOR CODE
LOGISTICS-EVENT OWNERSHIP CODE
LOGISTICS-EVENT PROJECT IDENTIFIER
LOGISTICS-EVENT PURPOSE IDENTIFIER
LOGISTICS-EVENT SIGNAL CODE
LOGISTICS-EVENT SOURCE METHOD CODE
MATERIEL-ITEM IDENTIFIER (FK)
LOGISTICS-PRIORITY CODE (FK)

unspecified verb phrase

results in

unspecified verb phrase

unspecified verb phrase

**LOGISTICS-REQUISITION**

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)
LOGISTICS-REQUISITION DEFENSE PROGRAM FOR REDISTRIBUTION ACTIVITY SCREEN CODE
LOGISTICS-REQUISITION DEMAND CODE
LOGISTICS-REQUISITION DAY IDENTIFIER
LOGISTICS-REQUISITION IDENTIFICATION REFERENCE TEXT
LOGISTICS-REQUISITION OWNERSHIP CODE
LOGISTICS-REQUISITION PREPARED DAY IDENTIFIER
LOGISTICS-REQUISITION PREPARED YEAR IDENTIFIER
LOGISTICS-REQUISITION PURPOSE CODE
LOGISTICS-REQUISITION SCREENING CODE
LOGISTICS-REQUISITION SUPPLY CONDITION CODE
LOGISTICS-REQUISITION USAGE CODE
LOGISTICS-REQUISITION SUPPLEMENTARY DESTINATION TEXT
LOGISTICS-REQUISITION REMARKS TEXT
LOGISTICS-REQUISITION CASH CUSTOMER REMARKS TEXT

Z

**MATERIEL-RETURN**

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)
MATERIEL-RETURN MEDIA STATUS IDENTIFIER
MATERIEL-RETURN QUALIFIER CODE
MATERIEL-RETURN SUPPLY CONDITION CODE
MATERIEL-RETURN UNIT QUANTITY

unspecified verb phrase

applies to

results in

**GOVERNMENT-FURNISHED-MATERIEL-REQUISITION**

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)
GOVERNMENT-FURNISHED-MATERIEL-REQUISITION MANUFACTURER DIRECTIVE IDENTIFIER
GOVERNMENT-FURNISHED-MATERIEL-REQUISITION PART NUMBER DESIGNATOR CODE

**FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION**

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)
FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION CASE IDENTIFIER
FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION COOPERATIVE LOGISTICS PROGRAM SUPPORT CODE
FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION FREIGHT FORWARDER CODE
FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION INTERNATIONAL LOGISTICS PROGRAM YEAR IDENTIFIER
FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION OFFER RELEASE OPTION CODE
FOREIGN-MILITARY-SALE-GRANT-AID-REQUISITION PROGRAM LINE ITEM IDENTIFIER

**MATERIEL-DISPOSAL**

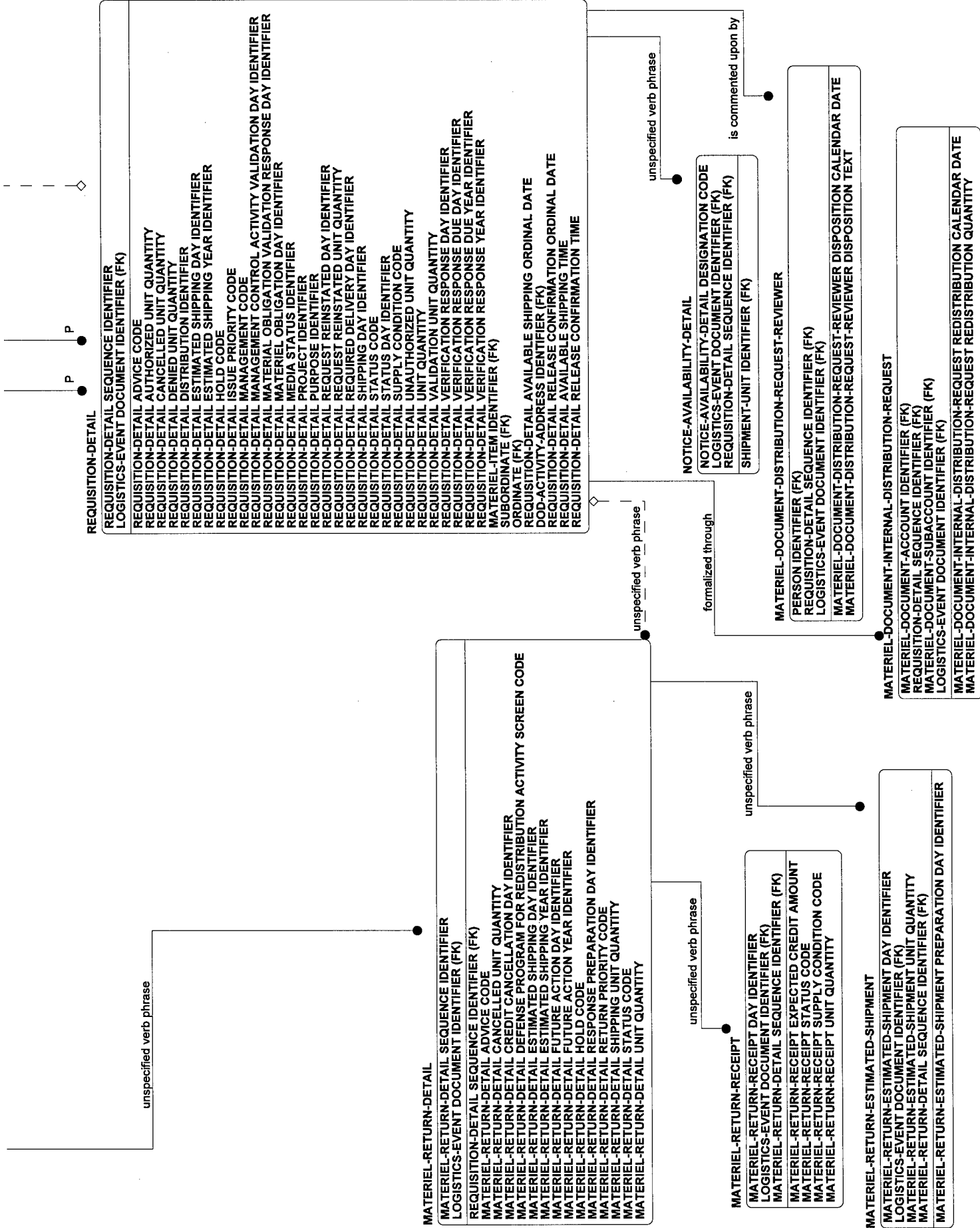
LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)
MATERIEL-DISPOSAL AUTHORITY CODE
MATERIEL-DISPOSAL DENIAL DAY IDENTIFIER
MATERIEL-DISPOSAL DENIED UNIT QUANTITY
MATERIEL-DISPOSAL EXCESS STATUS CODE
MATERIEL-DISPOSAL MEDIA STATUS IDENTIFIER
MATERIEL-DISPOSAL RECLAMATION CODE
MATERIEL-DISPOSAL RETENTION UNIT QUANTITY
MATERIEL-DISPOSAL SHIPPING DAY IDENTIFIER
MATERIEL-DISPOSAL SUPPLY CONDITION CODE
MATERIEL-DISPOSAL UNIT QUANTITY

may result in

**PICK-REQUEST**

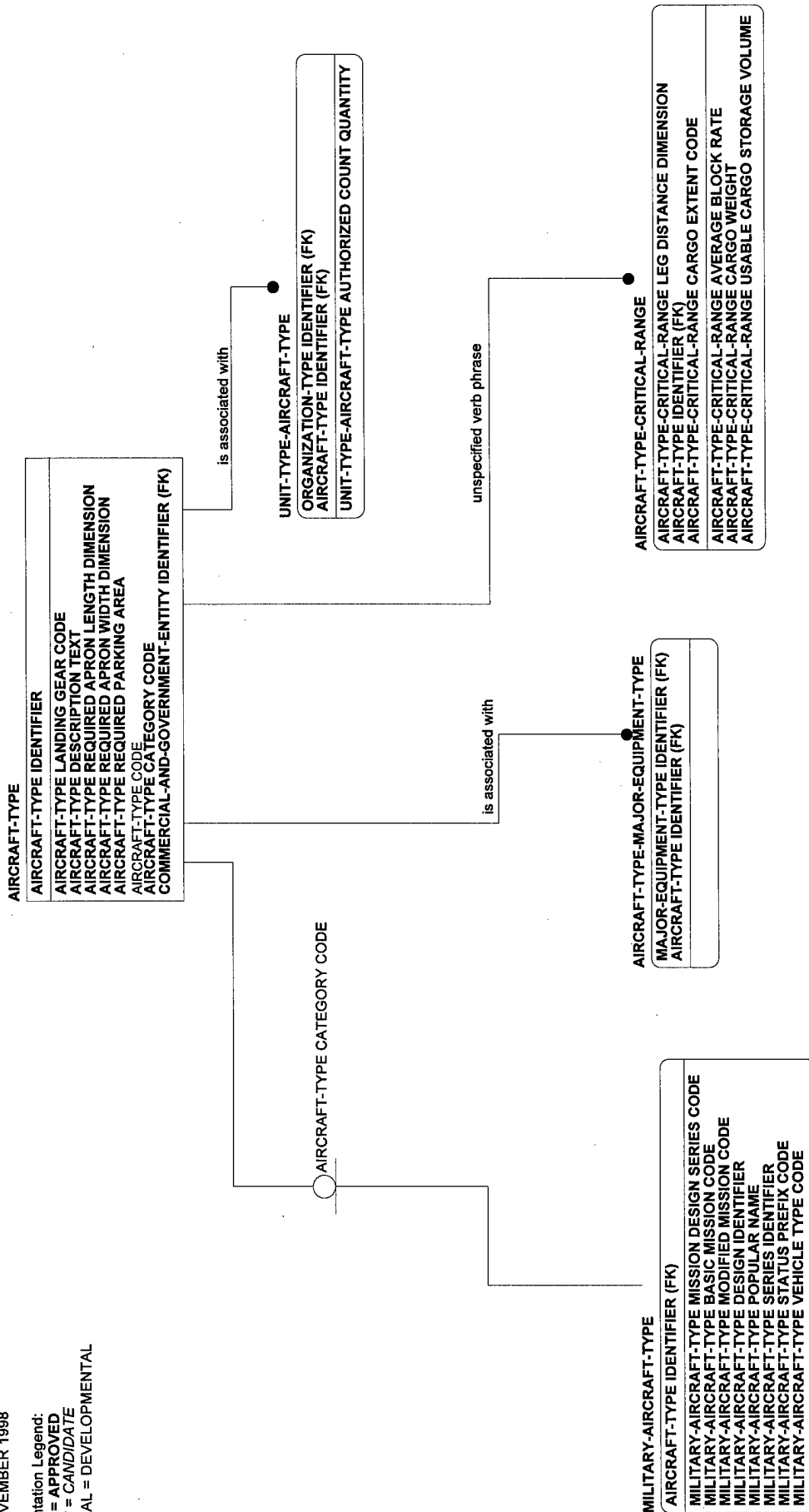
PICK-REQUEST CONTROL IDENTIFIER
REQUISITION-DETAIL SEQUENCE IDENTIFIER (FK)
LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)
WORK-CENTER IDENTIFIER (FK)
PICK-CYCLE IDENTIFIER (FK)
PICK-CYCLE CALENDAR DATE (FK)
PICK-REQUEST QUANTITY
PICK-REQUEST STORAGE TARGET CALENDAR DATE
PICK-REQUEST COMPLETION DATE
PICK-REQUEST COMPLETION TIME

may result in



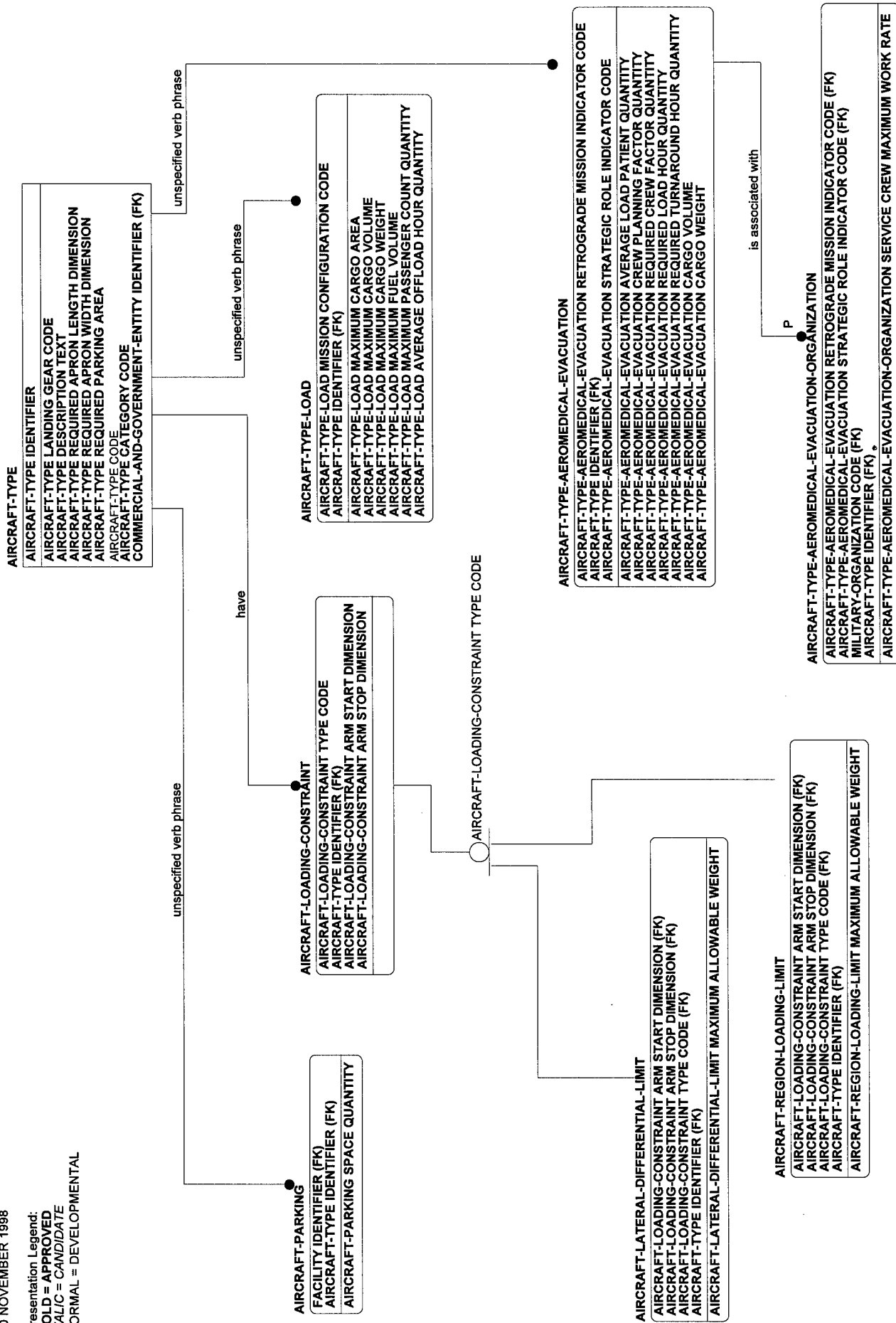
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MA-04

Presentation Legend:  
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*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL





MA-05

AIRCRAFT-COMPARTMENT

AIRCRAFT-COMPARTMENT IDENTIFIER
AIRCRAFT-DECK IDENTIFIER (FK)
AIRCRAFT-TYPE IDENTIFIER (FK)
AIRCRAFT-COMPARTMENT REMARKS TEXT

be described by

AIRCRAFT-COMPARTMENT-CHARACTERISTIC

AIRCRAFT-DECK IDENTIFIER (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION
AIRCRAFT-TYPE IDENTIFIER (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION
AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE
AIRCRAFT-COMPARTMENT IDENTIFIER (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC REMARKS TEXT

AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE

AIRCRAFT-FLOOR-SQUARE-INCH-LIMIT

AIRCRAFT-DECK IDENTIFIER (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)
AIRCRAFT-TYPE IDENTIFIER (FK)
AIRCRAFT-FLOOR-SQUARE-INCH-LIMIT MAXIMUM ALLOWABLE WEIGHT

AIRCRAFT-FLOOR-LINEAR-FOOT-LIMIT

AIRCRAFT-DECK IDENTIFIER (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)
AIRCRAFT-TYPE IDENTIFIER (FK)
AIRCRAFT-FLOOR-LINEAR-FOOT-LIMIT MAXIMUM ALLOWABLE WEIGHT

AIRCRAFT-FLOOR-CONTACT-LIMIT

AIRCRAFT-DECK IDENTIFIER (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)
AIRCRAFT-TYPE IDENTIFIER (FK)
AIRCRAFT-FLOOR-CONTACT-LIMIT MAXIMUM ALLOWABLE WEIGHT

AIRCRAFT-FLOOR-TOTAL-LIMIT

AIRCRAFT-DECK IDENTIFIER (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)
AIRCRAFT-TYPE IDENTIFIER (FK)
AIRCRAFT-FLOOR-TOTAL-LIMIT MAXIMUM ALLOWABLE WEIGHT

AIRCRAFT-VENT

AIRCRAFT-DECK IDENTIFIER (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)
AIRCRAFT-COMPARTMENT IDENTIFIER (FK)
AIRCRAFT-TYPE IDENTIFIER (FK)
AIRCRAFT-VENT ACCESS CODE

AIRCRAFT-FLOOR-AGGREGATE-AXLE-LIMIT

AIRCRAFT-DECK IDENTIFIER (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL START DISTANCE DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)
AIRCRAFT-COMPARTMENT IDENTIFIER (FK)
AIRCRAFT-TYPE IDENTIFIER (FK)
AIRCRAFT-FLOOR-AGGREGATE-AXLE-LIMIT MAXIMUM ALLOWABLE WEIGHT

AIRCRAFT-FLOOR-AXLE-LIMIT

AIRCRAFT-DECK IDENTIFIER (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)
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AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)
AIRCRAFT-COMPARTMENT IDENTIFIER (FK)
AIRCRAFT-TYPE IDENTIFIER (FK)
AIRCRAFT-FLOOR-AXLE-LIMIT MAXIMUM ALLOWABLE WEIGHT

AIRCRAFT-FLOOR-TREADWAY-LIMIT

AIRCRAFT-DECK IDENTIFIER (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM START DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC ARM STOP DIMENSION (FK)
AIRCRAFT-COMPARTMENT-CHARACTERISTIC TYPE CODE (FK)
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AIRCRAFT-COMPARTMENT-CHARACTERISTIC LATERAL STOP DISTANCE DIMENSION (FK)
AIRCRAFT-COMPARTMENT IDENTIFIER (FK)
AIRCRAFT-TYPE IDENTIFIER (FK)
AIRCRAFT-FLOOR-TREADWAY-LIMIT MAXIMUM ALLOWABLE WEIGHT

AIRCRAFT-COMPARTMENT-HEIGHT

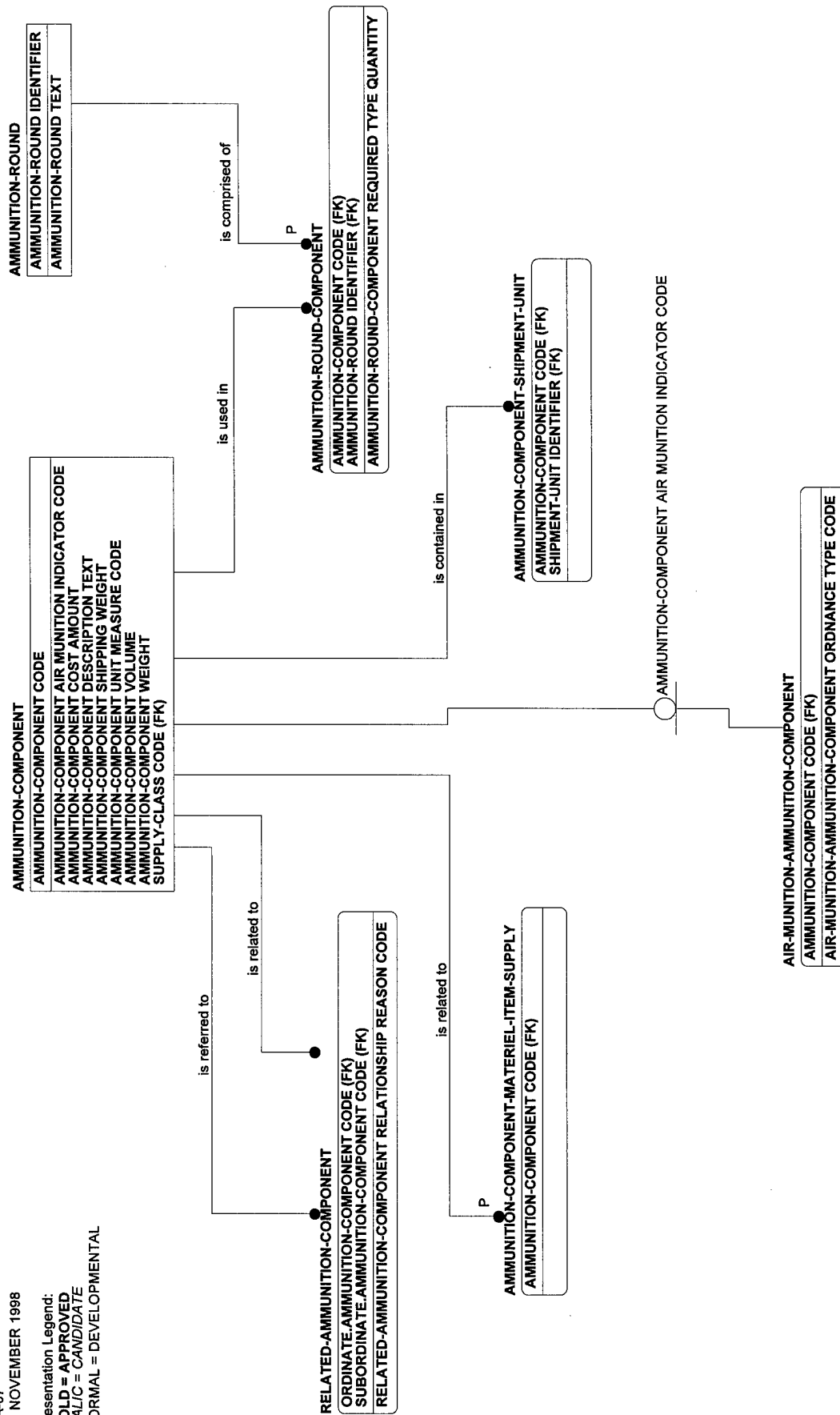
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AIRCRAFT-TYPE IDENTIFIER (FK)
AIRCRAFT-COMPARTMENT-HEIGHT DIMENSION

MA-06

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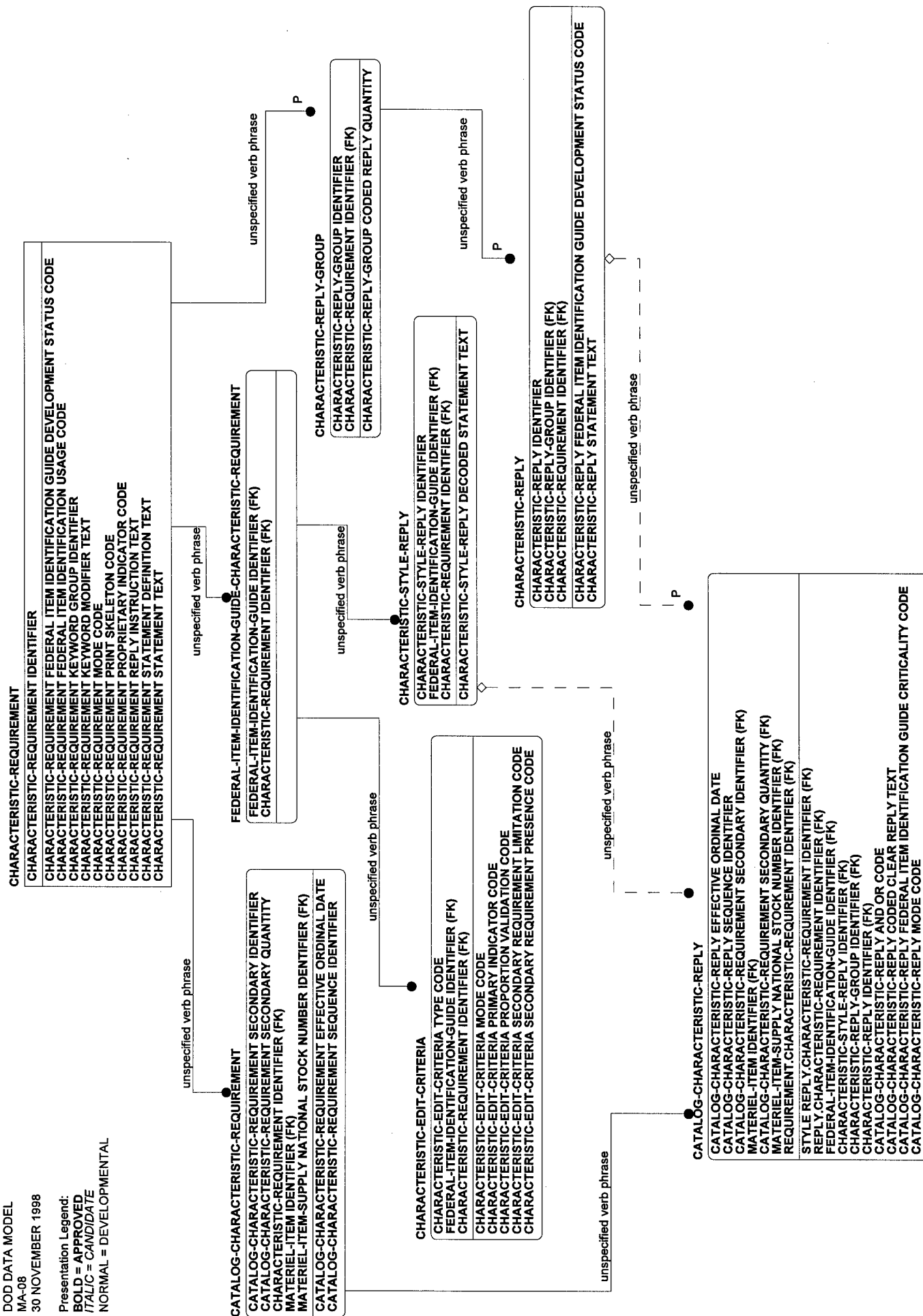
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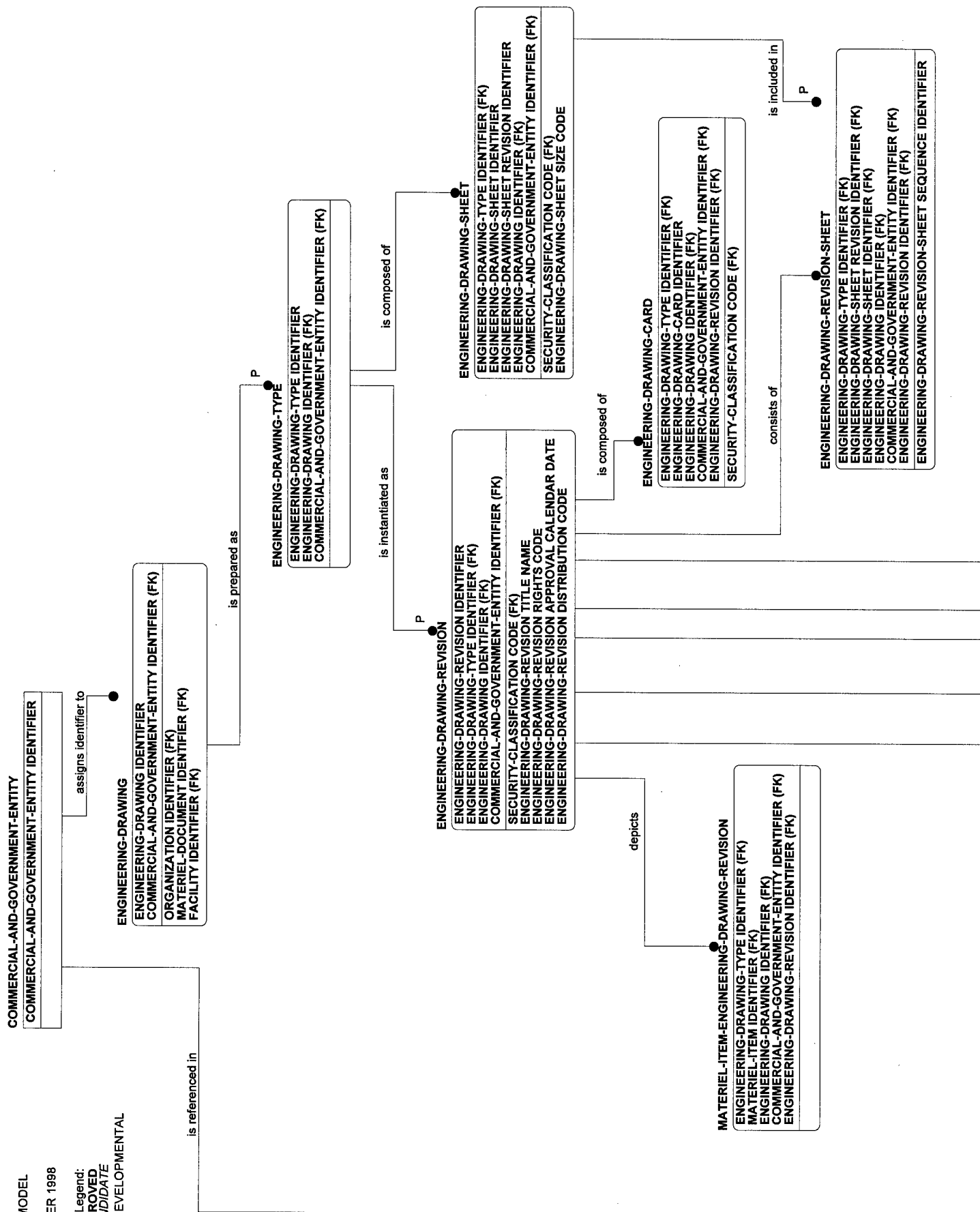
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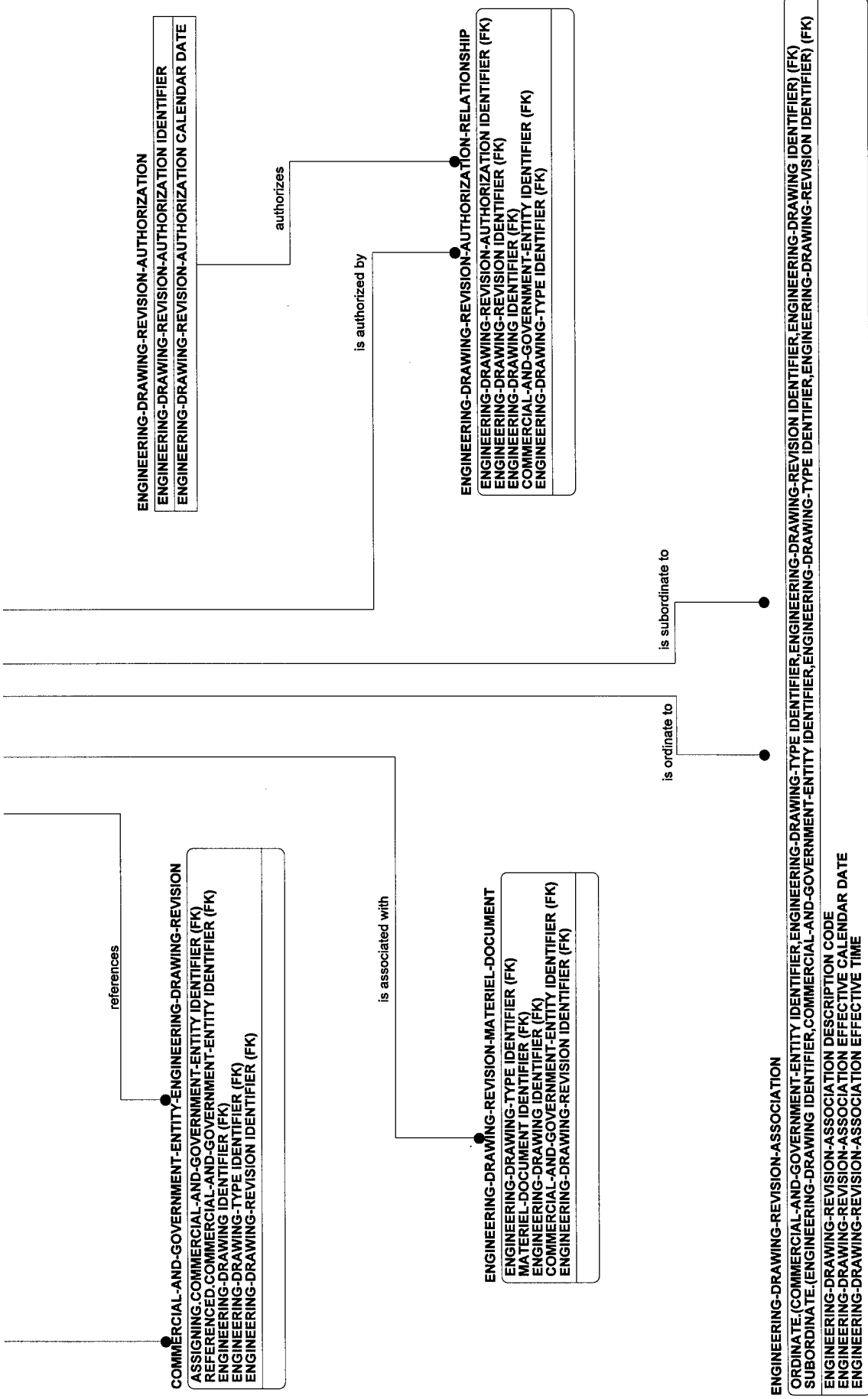


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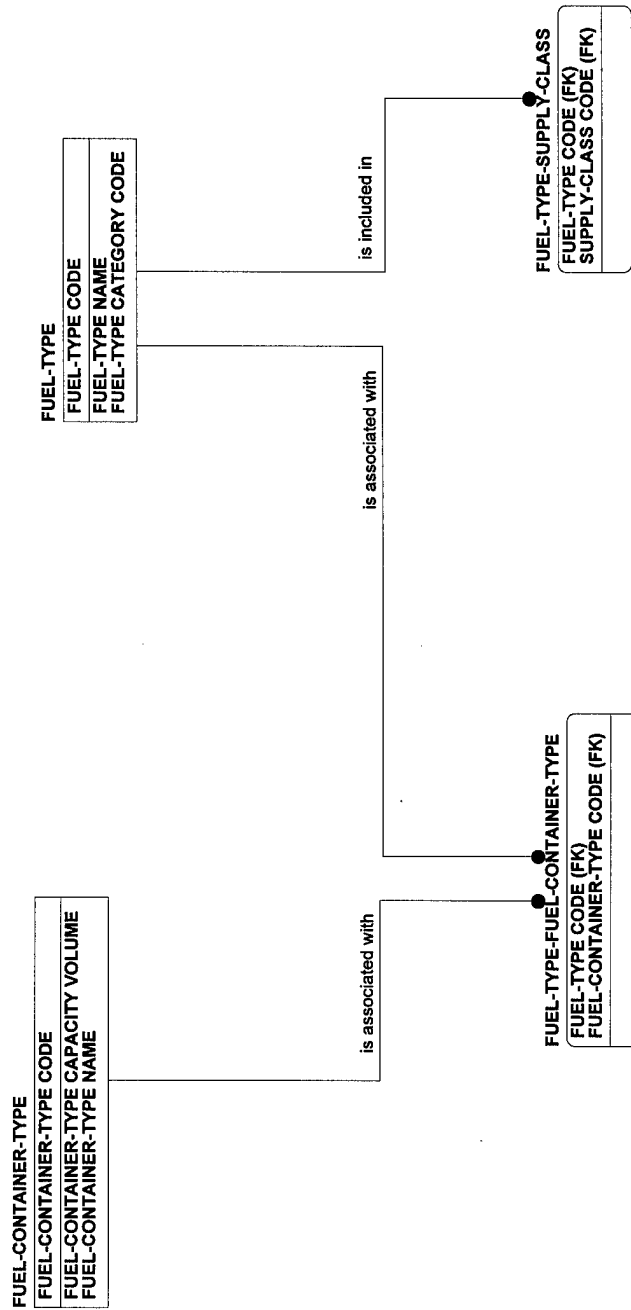


MA-09





MA-10



MA-11

<b>SHIP-TYPE</b>
<i>SHIP-TYPE CODE</i>
<i>SHIP-TYPE DESCRIPTION TEXT</i>

unspecified verb phrase

<b>SHIP</b>
<b>SHIP IDENTIFIER</b>
<i>ORGANIZATION IDENTIFIER (FK)</i>
<i>SHIP-TYPE CODE (FK)</i>
<i>REGISTRY COUNTRY CODE (FK)</i>
<i>BUILDS COUNTRY CODE (FK)</i>
<i>MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)</i>
<i>SHIP PRIMARY NAME</i>
<i>SHIP BUILDER HULL IDENTIFIER</i>
<i>SHIP PENDANT IDENTIFIER</i>
<i>SHIP MAXIMUM SAFE FORWARD DRAFT DIMENSION</i>
<i>SHIP MAXIMUM SAFE AFT DRAFT DIMENSION</i>
<i>SHIP LIGHTSHIP FORWARD DRAFT DIMENSION</i>
<i>SHIP LIGHTSHIP MIDSHIP DRAFT DIMENSION</i>
<i>SHIP LIGHTSHIP AFT DRAFT DIMENSION</i>
<i>SHIP LENGTH DIMENSION</i>
<i>SHIP BEAM DIMENSION</i>
<i>SHIP MAXIMUM CARGO DEADWEIGHT WEIGHT</i>
<i>SHIP LIGHTSHIP WEIGHT</i>
<i>SHIP MAST HEIGHT DIMENSION</i>
<i>SHIP FLEET TEXT</i>
<i>SHIP FUEL CAPACITY WEIGHT</i>
<i>SHIP FUEL CAPACITY VOLUME</i>
<i>SHIP STOWABLE AREA</i>
<i>SHIP IRCS IDENTIFIER</i>
<i>SHIP LLOYDS IDENTIFIER</i>
<i>SHIP NATIONAL REGISTRY IDENTIFIER</i>
<i>SHIP INTERNATIONAL MARITIME ORGANIZATION IDENTIFIER</i>
<i>MATERIEL IDENTIFIER (FK)</i>
<i>MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)</i>
<i>MATERIEL-ITEM IDENTIFIER (FK)</i>

sails

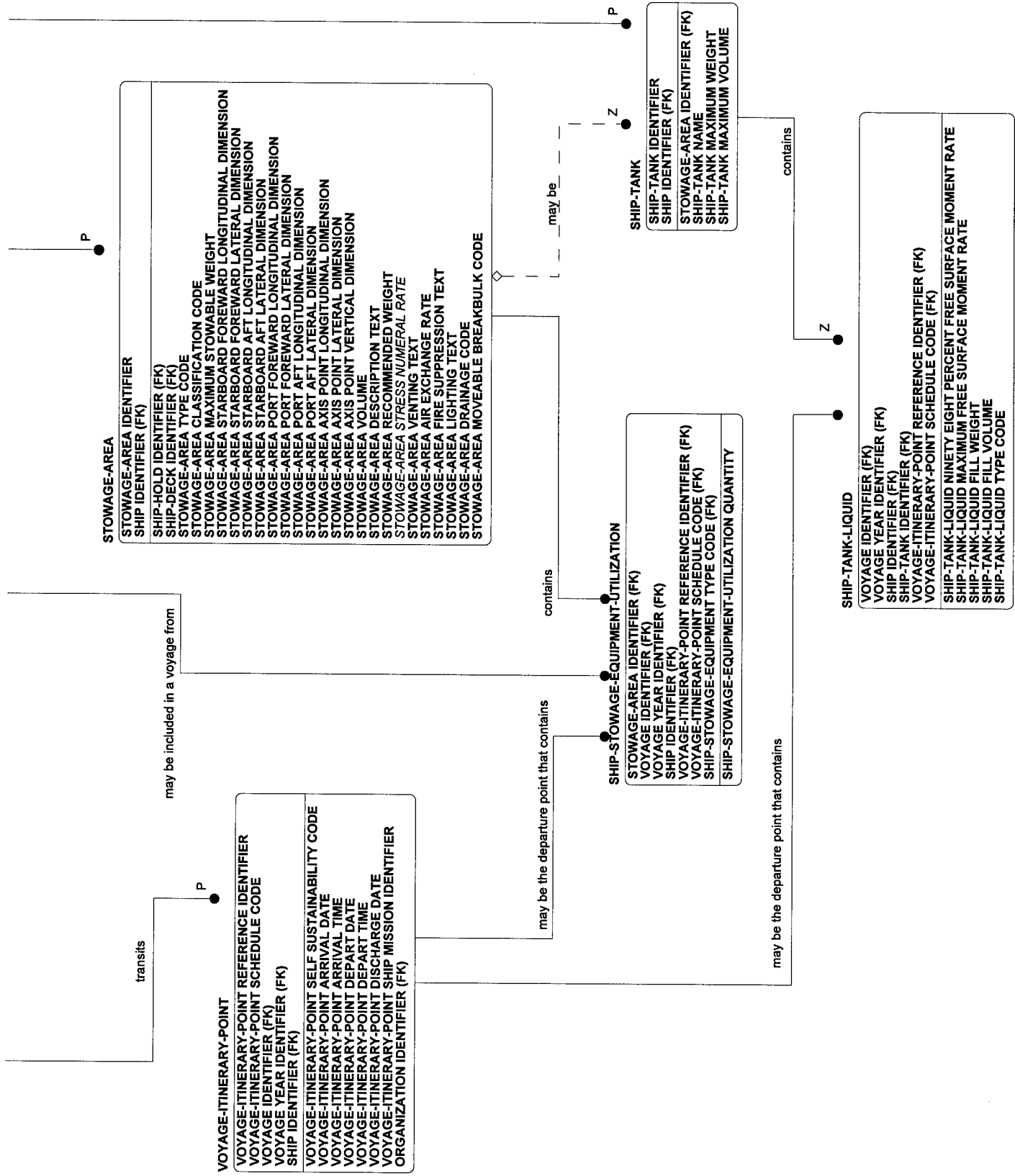
<b>VOYAGE</b>
<b>VOYAGE IDENTIFIER</b>
<b>VOYAGE YEAR IDENTIFIER</b>
<b>SHIP IDENTIFIER (FK)</b>

<b>SHIP-STOWAGE-EQUIPMENT</b>
<i>SHIP-STOWAGE-EQUIPMENT TYPE CODE</i>
<i>SHIP-STOWAGE-EQUIPMENT INTERNAL HEIGHT DIMENSION</i>
<i>SHIP-STOWAGE-EQUIPMENT EXTENDED INTERNAL HEIGHT DIMENSION</i>
<i>SHIP-STOWAGE-EQUIPMENT EXTENDED EXTERNAL HEIGHT DIMENSION</i>
<i>SHIP-STOWAGE-EQUIPMENT INTERNAL LENGTH DIMENSION</i>
<i>SHIP-STOWAGE-EQUIPMENT EXTERNAL LENGTH DIMENSION</i>
<i>SHIP-STOWAGE-EQUIPMENT INTERNAL WIDTH DIMENSION</i>
<i>SHIP-STOWAGE-EQUIPMENT EXTERNAL WIDTH DIMENSION</i>
<i>SHIP-STOWAGE-EQUIPMENT NAME</i>
<i>SHIP-STOWAGE-EQUIPMENT WEIGHT</i>
<i>SHIP-STOWAGE-EQUIPMENT LIFTING WEIGHT</i>
<i>SHIP-STOWAGE-EQUIPMENT MAXIMUM WEIGHT</i>

provides

contains





MA-12

Presentation Legend:  
**BOLD** = APPROVED  
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NORMAL = DEVELOPMENTAL

**VOYAGE-ITINERARY-POINT**

<b>VOYAGE-ITINERARY-POINT REFERENCE IDENTIFIER</b>
<b>VOYAGE-ITINERARY-POINT SCHEDULE CODE</b>
<b>VOYAGE IDENTIFIER (FK)</b>
<b>VOYAGE YEAR IDENTIFIER (FK)</b>
<b>SHIP IDENTIFIER (FK)</b>
<b>VOYAGE-ITINERARY-POINT SELF SUSTAINABILITY CODE</b>
<b>VOYAGE-ITINERARY-POINT ARRIVAL DATE</b>
<b>VOYAGE-ITINERARY-POINT ARRIVAL TIME</b>
<b>VOYAGE-ITINERARY-POINT DEPART DATE</b>
<b>VOYAGE-ITINERARY-POINT DEPART TIME</b>
<b>VOYAGE-ITINERARY-POINT DISCHARGE DATE</b>
<b>VOYAGE-ITINERARY-POINT SHIP MISSION IDENTIFIER</b>
<b>ORGANIZATION IDENTIFIER (FK)</b>

**VOYAGE-ITINERARY-SEGMENT**

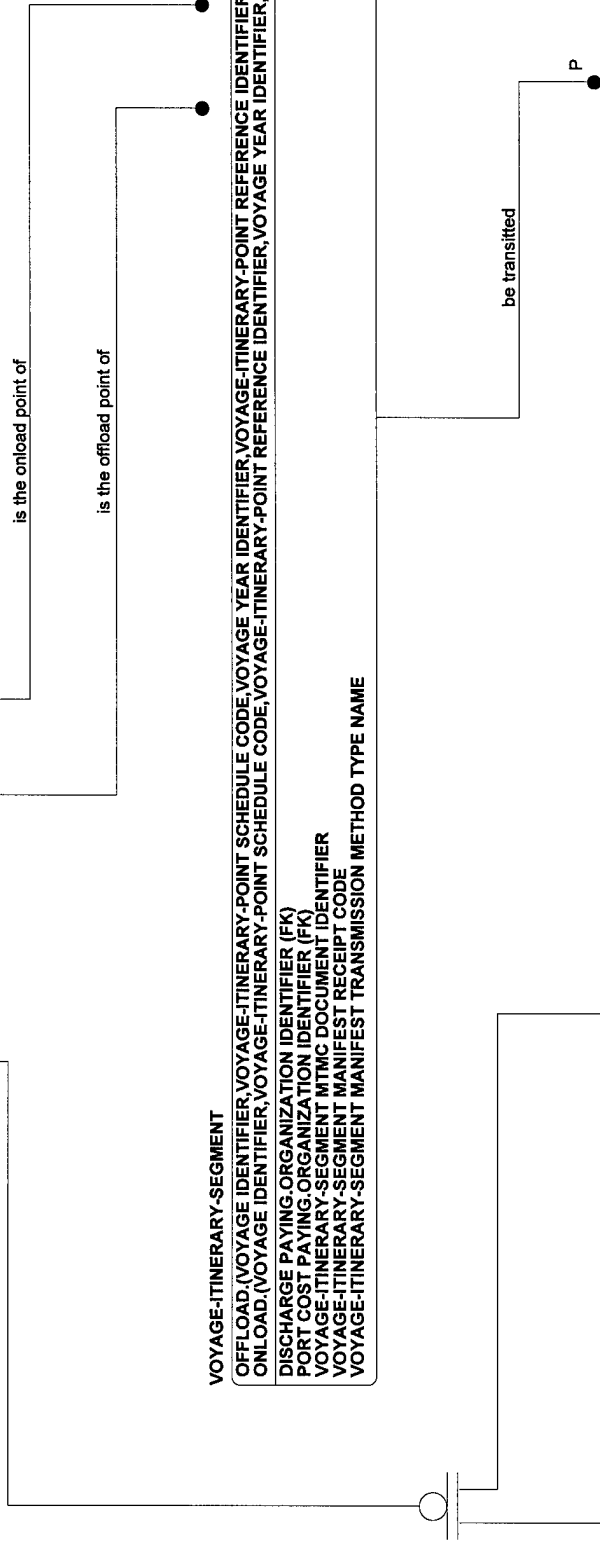
<b>OFFLOAD (VOYAGE IDENTIFIER, VOYAGE-ITINERARY-POINT SCHEDULE CODE, VOYAGE YEAR IDENTIFIER, VOYAGE-ITINERARY-POINT REFERENCE IDENTIFIER, SHIP IDENTIFIER) (FK)</b>
<b>ONLOAD (VOYAGE IDENTIFIER, VOYAGE-ITINERARY-POINT SCHEDULE CODE, VOYAGE-ITINERARY-POINT REFERENCE IDENTIFIER, VOYAGE YEAR IDENTIFIER, SHIP IDENTIFIER) (FK)</b>
<b>DISCHARGE PAYING ORGANIZATION IDENTIFIER (FK)</b>
<b>PORT COST PAYING ORGANIZATION IDENTIFIER (FK)</b>
<b>VOYAGE-ITINERARY-SEGMENT MTMC DOCUMENT IDENTIFIER</b>
<b>VOYAGE-ITINERARY-SEGMENT MANIFEST RECEIPT CODE</b>
<b>VOYAGE-ITINERARY-SEGMENT MANIFEST TRANSMISSION METHOD TYPE NAME</b>

**VOYAGE-FACILITY-ITINERARY-POINT**

<b>VOYAGE-ITINERARY-POINT REFERENCE IDENTIFIER (FK)</b>
<b>VOYAGE-ITINERARY-POINT SCHEDULE CODE (FK)</b>
<b>VOYAGE IDENTIFIER (FK)</b>
<b>VOYAGE YEAR IDENTIFIER (FK)</b>
<b>SHIP IDENTIFIER (FK)</b>
<b>FACILITY IDENTIFIER (FK)</b>

**VOYAGE-POINT-ITINERARY-POINT**

<b>VOYAGE-ITINERARY-POINT REFERENCE IDENTIFIER (FK)</b>
<b>VOYAGE-ITINERARY-POINT SCHEDULE CODE (FK)</b>
<b>VOYAGE IDENTIFIER (FK)</b>
<b>VOYAGE YEAR IDENTIFIER (FK)</b>
<b>SHIP IDENTIFIER (FK)</b>
<b>LOCATION IDENTIFIER (FK)</b>

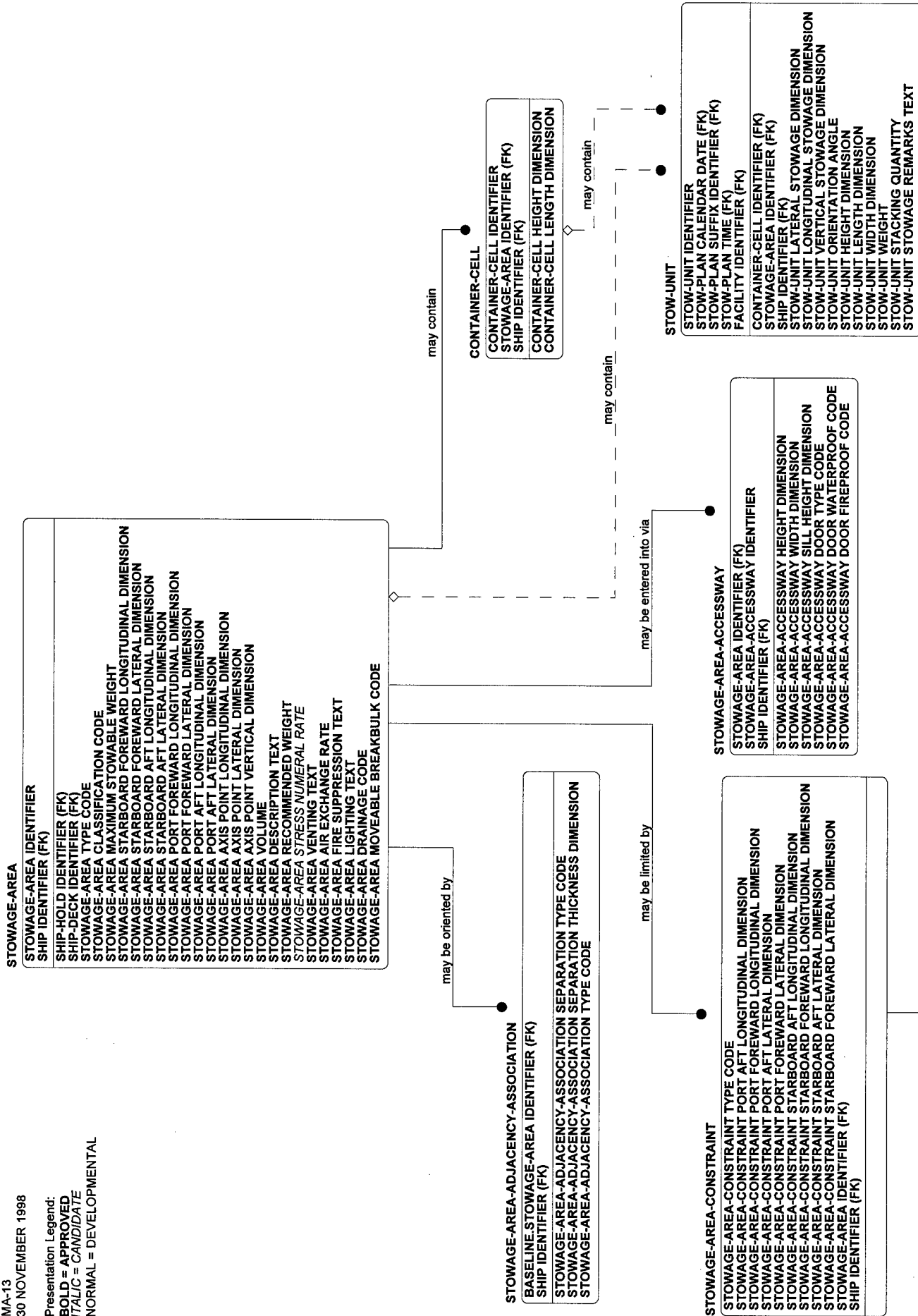


**SHIPMENT-UNIT-MANIFEST-DETAIL**

<b>ONLOAD (FK)</b>
<b>OFFLOAD (FK)</b>
<b>SHIPMENT-UNIT-MANIFEST-DETAIL ADJUSTMENT CODE</b>
<b>SHIPMENT-UNIT-MANIFEST-DETAIL ADJUSTMENT SEQUENCE IDENTIFIER</b>
<b>SHIPMENT-UNIT IDENTIFIER (FK)</b>
<b>SHIPMENT-UNIT-MANIFEST-DETAIL ONLOAD ORGANIZATION IDENTIFIER (FK)</b>
<b>SHIPMENT-UNIT-MANIFEST-DETAIL UNLOADING ORGANIZATION IDENTIFIER (FK)</b>
<b>SHIPMENT-UNIT-MANIFEST-DETAIL DISPOSITION INSTRUCTION TEXT</b>
<b>SHIPMENT-UNIT-MANIFEST-DETAIL ADJUSTMENT CALENDAR DATE</b>
<b>SHIPMENT-UNIT-MANIFEST-DETAIL BILLING CODE</b>
<b>SHIPMENT-UNIT-MANIFEST-DETAIL SHIP STATUS CODE</b>

MA-13

Presentation Legend:  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
NORMAL = DEVELOPMENTAL



STOWAGE-AREA-CONSTRAINT TYPE CODE

STOWAGE-AREA-DECK-STRESS

STOWAGE-AREA IDENTIFIER (FK)
STOWAGE-AREA-CONSTRAINT TYPE CODE (FK)
STOWAGE-AREA-CONSTRAINT PORT AFT LONGITUDINAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT PORT FORWARD LONGITUDINAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT PORT AFT LATERAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT PORT FORWARD LATERAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT STARBOARD AFT LONGITUDINAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT STARBOARD FORWARD LONGITUDINAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT STARBOARD AFT LATERAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT STARBOARD FORWARD LATERAL DIMENSION (FK)
SHIP IDENTIFIER (FK)
STOWAGE-AREA-DECK-STRESS RATE

STOWAGE-AREA-HEIGHT

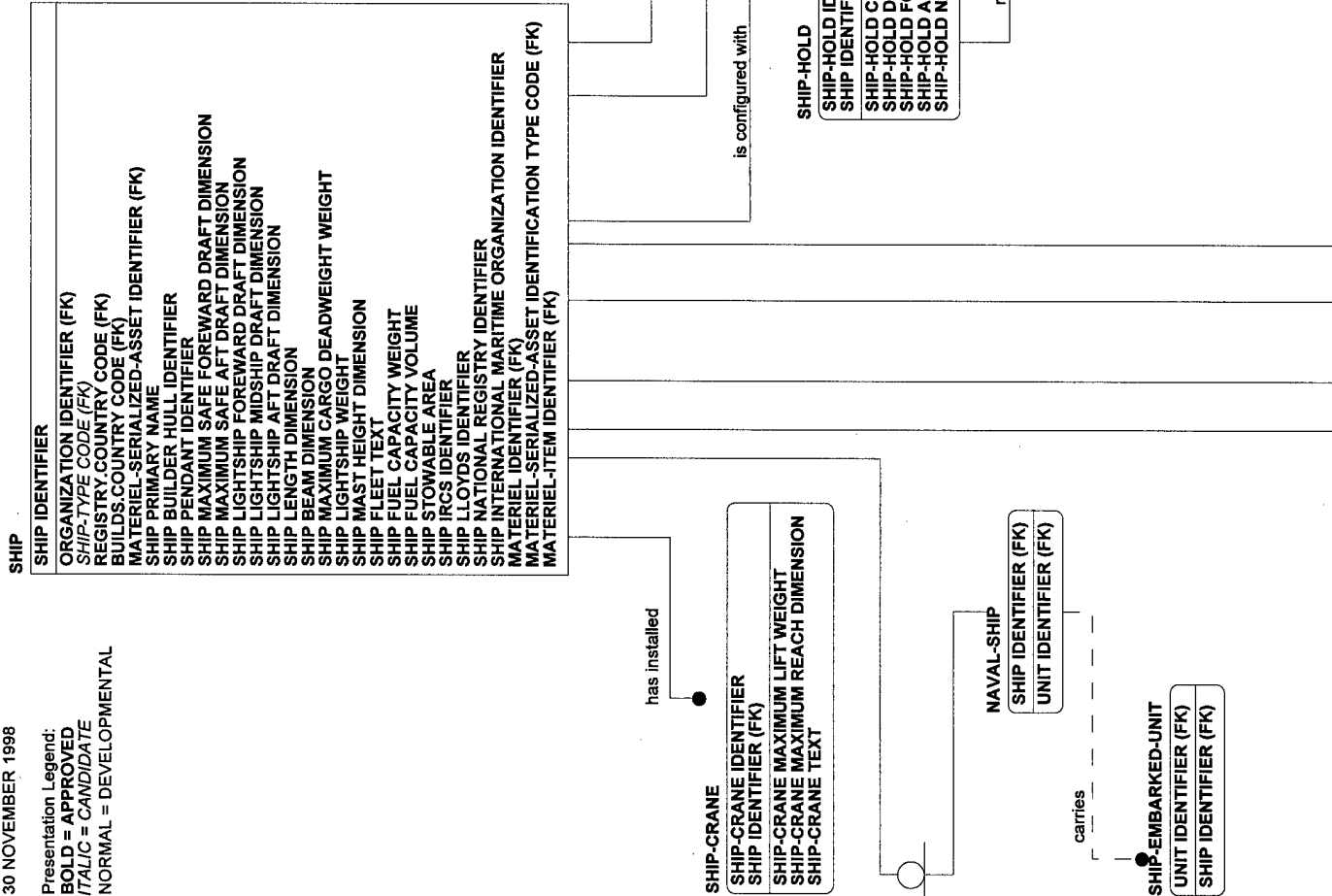
STOWAGE-AREA IDENTIFIER (FK)
STOWAGE-AREA-CONSTRAINT TYPE CODE (FK)
STOWAGE-AREA-CONSTRAINT PORT AFT LONGITUDINAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT PORT FORWARD LONGITUDINAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT PORT AFT LATERAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT PORT FORWARD LATERAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT STARBOARD AFT LONGITUDINAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT STARBOARD FORWARD LONGITUDINAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT STARBOARD AFT LATERAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT STARBOARD FORWARD LATERAL DIMENSION (FK)
SHIP IDENTIFIER (FK)
STOWAGE-AREA-HEIGHT DIMENSION

STOWAGE-AREA-NO-LOAD

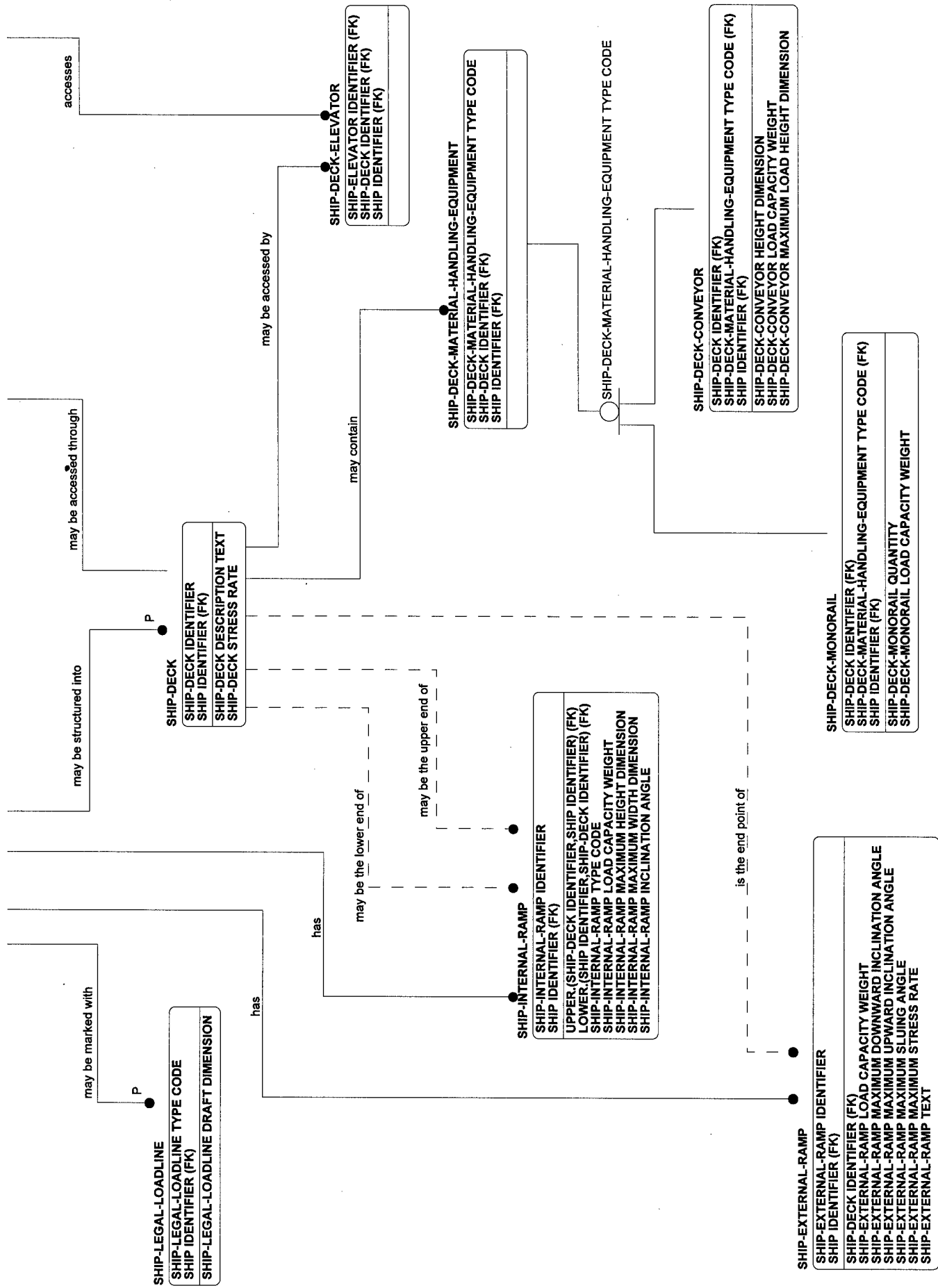
STOWAGE-AREA IDENTIFIER (FK)
STOWAGE-AREA-CONSTRAINT TYPE CODE (FK)
STOWAGE-AREA-CONSTRAINT PORT AFT LONGITUDINAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT PORT FORWARD LONGITUDINAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT PORT AFT LATERAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT PORT FORWARD LATERAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT STARBOARD AFT LONGITUDINAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT STARBOARD FORWARD LONGITUDINAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT STARBOARD AFT LATERAL DIMENSION (FK)
STOWAGE-AREA-CONSTRAINT STARBOARD FORWARD LATERAL DIMENSION (FK)
SHIP IDENTIFIER (FK)
STOWAGE-AREA-NO-LOAD REASON TEXT

MA-14

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

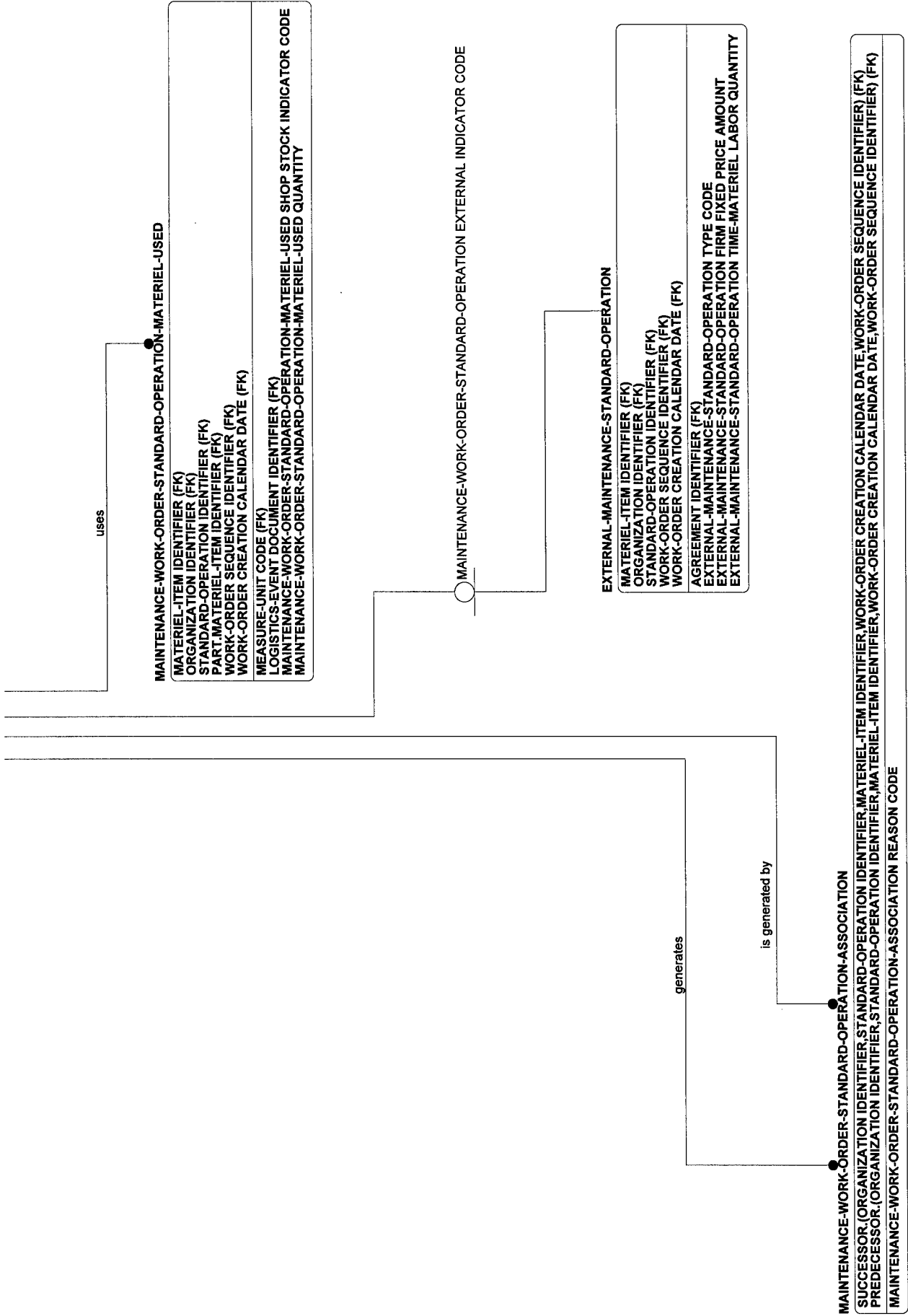






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Presentation Legend:  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
NORMAL = DEVELOPMENTAL

MATERIEL-ITEM-STANDARD-OPERATION
STANDARD-OPERATION IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-ITEM-STANDARD-OPERATION CERTIFICATION INDICATOR CODE
MATERIEL-ITEM-STANDARD-OPERATION NON-MISSION CAPABLE DURATION QUANTITY
MATERIEL-ITEM-STANDARD-OPERATION PLANNED DURATION QUANTITY
MATERIEL-ITEM-STANDARD-OPERATION STANDARDIZED INDICATOR CODE
MATERIEL-ITEM-STANDARD-OPERATION TYPE CODE
MATERIEL-ITEM-STANDARD-OPERATION DESCRIPTION TEXT

is executed to satisfy

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION
MATERIEL-ITEM IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
STANDARD-OPERATION IDENTIFIER (FK)
WORK-ORDER SEQUENCE IDENTIFIER (FK)
WORK-ORDER CREATION CALENDAR DATE (FK)
LOGISTICS-PRIORITY CODE (FK)
WORK-CENTER IDENTIFIER (FK)
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION COMPLETION CALENDAR DATE
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION COMPLETION TIME
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION CONDEMNED QUANTITY
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION ESTIMATED DURATION QUANTITY
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION ESTIMATED COST AMOUNT
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION ESTIMATED LABOR QUANTITY
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION EXTERNAL INDICATOR CODE
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION NON-PRODUCTIVE INDICATOR CODE
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION PERCENT COMPLETE RATE
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION NOT REPAIRABLE THIS STATION REASON CODE
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION ROUTING SEQUENCE IDENTIFIER
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION START CALENDAR DATE
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION START TIME
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION TEXT
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION WARRANTY CLAIM INDICATOR CODE
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION WORK-CENTER ASSIGNMENT CALENDAR DATE

uses

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR START CALENDAR DATE
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR START TIME
MATERIEL-ITEM IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
STANDARD-OPERATION IDENTIFIER (FK)
WORK-ORDER SEQUENCE IDENTIFIER (FK)
WORK-ORDER CREATION CALENDAR DATE (FK)
PERSON IDENTIFIER (FK)
WORKSTATION SEQUENCE IDENTIFIER (FK)
WORK-CENTER IDENTIFIER (FK)
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR DIRECT CHARGE CODE
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR END CALENDAR DATE
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR END TIME
FACILITY IDENTIFIER (FK)
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-LABOR OVERTIME INDICATOR CODE

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION EXTERNAL INDICATOR CODE

EXTERNAL-MAINTENANCE-STANDARD-OPERATION
MATERIEL-ITEM IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
STANDARD-OPERATION IDENTIFIER (FK)
WORK-ORDER SEQUENCE IDENTIFIER (FK)
WORK-ORDER CREATION CALENDAR DATE (FK)
AGREEMENT IDENTIFIER (FK)
EXTERNAL-MAINTENANCE-STANDARD-OPERATION TYPE CODE
EXTERNAL-MAINTENANCE-STANDARD-OPERATION FIRM FIXED PRICE AMOUNT
EXTERNAL-MAINTENANCE-STANDARD-OPERATION TIME-MATERIEL LABOR QUANTITY

uses

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-MATERIEL-USED

MATERIEL-ITEM IDENTIFIER (FK)  
ORGANIZATION IDENTIFIER (FK)  
STANDARD-OPERATION IDENTIFIER (FK)  
PART.MATERIEL-ITEM IDENTIFIER (FK)  
WORK-ORDER SEQUENCE IDENTIFIER (FK)  
WORK-ORDER CREATION CALENDAR DATE (FK)

MEASURE-UNIT CODE (FK)

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-MATERIEL-USED SHOP STOCK INDICATOR CODE

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-MATERIEL-USED QUANTITY

generates

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-ASSOCIATION

SUCCESSOR,(ORGANIZATION IDENTIFIER,STANDARD-OPERATION IDENTIFIER,MATERIEL-ITEM IDENTIFIER,WORK-ORDER CREATION CALENDAR DATE,WORK-ORDER SEQUENCE IDENTIFIER) (FK)  
PREDECESSOR,(ORGANIZATION IDENTIFIER,STANDARD-OPERATION IDENTIFIER,MATERIEL-ITEM IDENTIFIER,WORK-ORDER CREATION CALENDAR DATE,WORK-ORDER SEQUENCE IDENTIFIER) (FK)

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-ASSOCIATION REASON CODE

has condition of

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-STATUS

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-STATUS CALENDAR DATE  
MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-STATUS TIME  
MATERIEL-ITEM IDENTIFIER (FK)  
ORGANIZATION IDENTIFIER (FK)  
STANDARD-OPERATION IDENTIFIER (FK)  
WORK-ORDER SEQUENCE IDENTIFIER (FK)  
WORK-ORDER CREATION CALENDAR DATE (FK)

MAINTENANCE-WORK-ORDER-STANDARD-OPERATION-STATUS CODE

is generated by

MA-17



# DOD DATA MODEL

MA-17

30 NOVEMBER 1998

Presentation Legend:

**BOLD** = APPROVED

*ITALIC* = CANDIDATE

NORMAL = DEVELOPMENTAL

results in

## MAINTENANCE-PROJECT

MAINTENANCE-PROJECT IDENTIFIER
PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)
MAINTENANCE-REQUEST BEGIN CALENDAR DATE (FK)
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)
REQUESTER (FK)
MAINTENANCE-PROJECT-TYPE IDENTIFIER (FK)
MAINTENANCE-PROJECT ACTUAL END CALENDAR DATE
MAINTENANCE-PROJECT DESCRIPTION TEXT
MAINTENANCE-PROJECT IMPACT MEMO TEXT
MAINTENANCE-PROJECT INITIATION CALENDAR DATE
planning.ORGANIZATION IDENTIFIER (FK)
PERSON IDENTIFIER (FK)
PERSON-ORGANIZATION BEGIN TIME (FK)
MAINTENANCE-PROJECT ASSIGNED LOCATION IDENTIFIER
MAINTENANCE-PROJECT DIRECT LABOR AVAILABLE HOUR QUANTITY
MAINTENANCE-PROJECT FUND REMAINING AMOUNT
MAINTENANCE-PROJECT ISSUE CALENDAR DATE
MAINTENANCE-PROJECT NAME
MAINTENANCE-PROJECT PLANNED END DATE
MAINTENANCE-PROJECT PLANNED START CALENDAR DATE
MAINTENANCE-PROJECT REVISION CALENDAR DATE
MAINTENANCE-PROJECT TOTAL AUTHORIZED AMOUNT

requests work on

requests action on

## MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET

PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)
MAINTENANCE-REQUEST BEGIN CALENDAR DATE (FK)
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)
REQUESTER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)
MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET REQUIRED DELIVERY CALENDAR DATE

enters

records

## WORKSTATION-MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET

ORGANIZATION IDENTIFIER (FK)
MAINTENANCE-REQUEST BEGIN CALENDAR DATE (FK)
FACILITY IDENTIFIER (FK)
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
WORK-CENTER IDENTIFIER (FK)
WORKSTATION SEQUENCE IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)
REQUESTER (FK)
PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)
WORKSTATION-MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET RECEIPT DATE
WORKSTATION-MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET RELEASE DATE

MAINTENANCE-REQUEST
REQUESTER.ORGANIZATION IDENTIFIER (FK)
MAINTENANCE-REQUEST CALENDAR DATE
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER
PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)
ORGANIZATION IDENTIFIER (FK)
PERSON IDENTIFIER (FK)
MAINTENANCE-REQUEST TYPE CODE
MAINTENANCE-REQUEST DESCRIPTION TEXT
PERSON-ORGANIZATION BEGIN TIME (FK)
MAINTENANCE-REQUEST ACCEPTANCE CALENDAR DATE
MAINTENANCE-REQUEST FIELD INDICATOR CODE
MAINTENANCE-REQUEST FINAL DISPOSITION CODE
MAINTENANCE-REQUEST INTRANSIT INDICATOR CODE
MAINTENANCE-REQUEST REJECTION TEXT
MAINTENANCE-REQUEST REQUESTOR CONTACT TEXT
MAINTENANCE-REQUEST REQUIRED DELIVERY CALENDAR DATE
MAINTENANCE-REQUEST SYMPTOM TEXT
MATERIEL-ITEM IDENTIFIER (FK)

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MAINTENANCE-RETURN-RECEIPT
MAINTENANCE-RETURN-RECEIPT SEQUENCE IDENTIFIER
PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)
ORGANIZATION IDENTIFIER (FK)
MAINTENANCE-REQUEST CALENDAR DATE (FK)
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)
REQUESTER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)
MAINTENANCE-RETURN-RECEIPT DATE
MAINTENANCE-RETURN-RECEIPT REASON CODE

exhibits

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MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM
MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM IDENTIFIER
REQUESTER.(ORGANIZATION IDENTIFIER REQUESTER) (FK)
MAINTENANCE-REQUEST CALENDAR DATE (FK)
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)
MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM ACCEPT CALENDAR DATE
MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM ACCEPT TIME
MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM TEXT

is repaired by

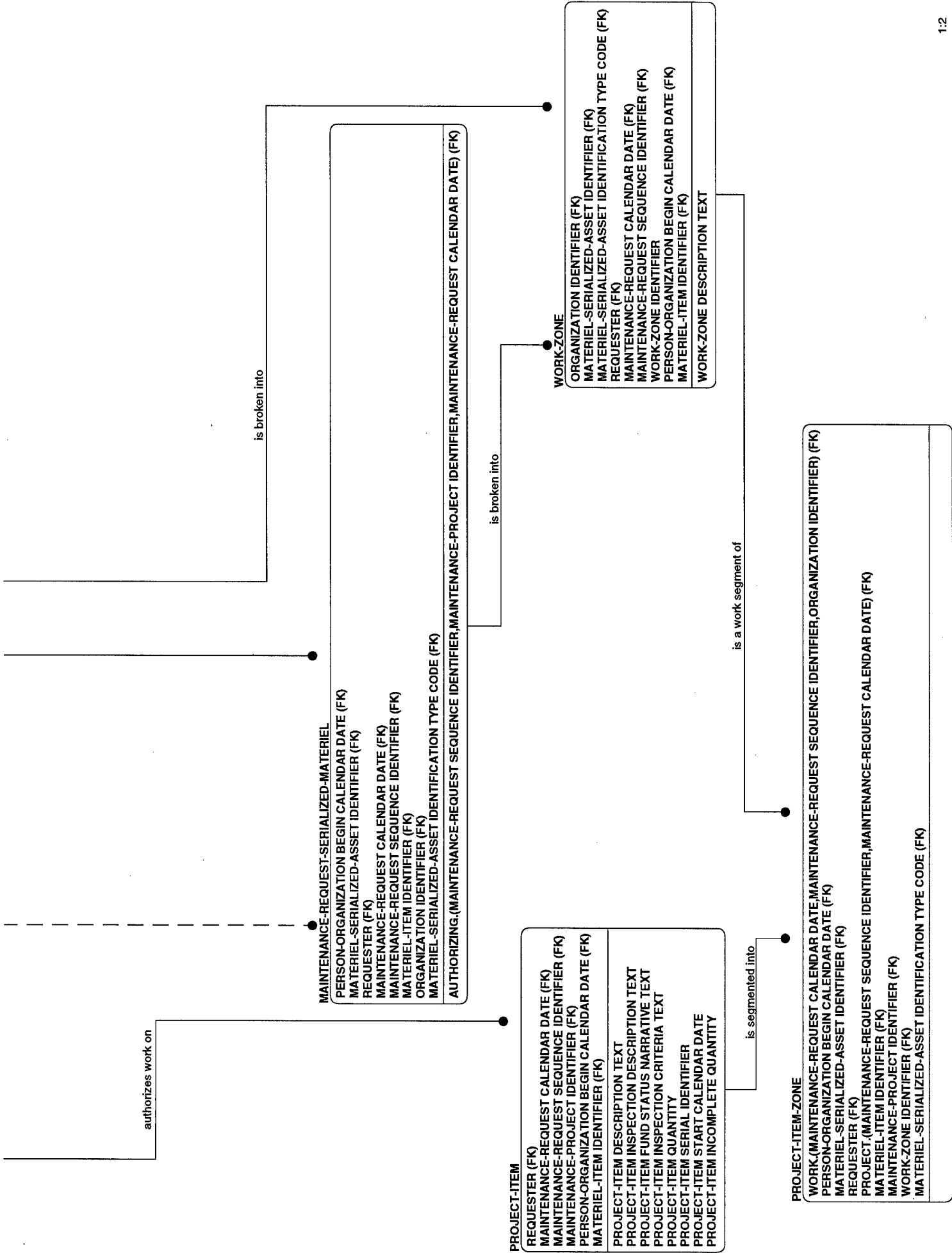
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MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-USAGE SEQUENCE IDENTIFIER
ORGANIZATION IDENTIFIER (FK)
MAINTENANCE-REQUEST CALENDAR DATE (FK)
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)
REQUESTER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)
MEASURE-UNIT CODE (FK)
MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-USAGE QUANTITY

SYMPTOM-MAINTENANCE-WORK-ORDER

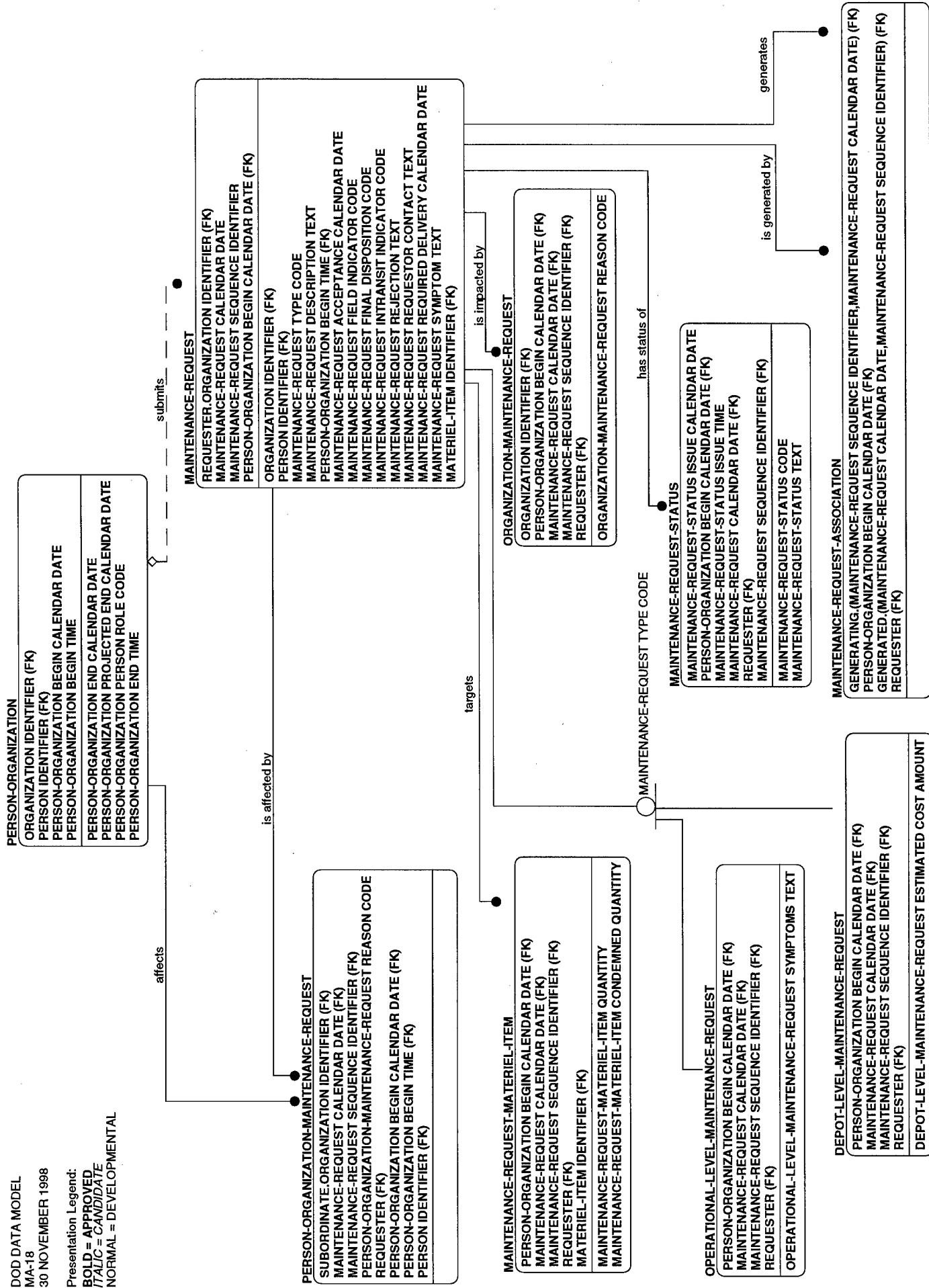
PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)
MAINTENANCE-REQUEST CALENDAR DATE (FK)
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
REQUESTER (FK)
WORK-ORDER SEQUENCE IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)
MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM IDENTIFIER (FK)
RESPONDING (FK)
WORK-ORDER CREATION CALENDAR DATE (FK)

repairs

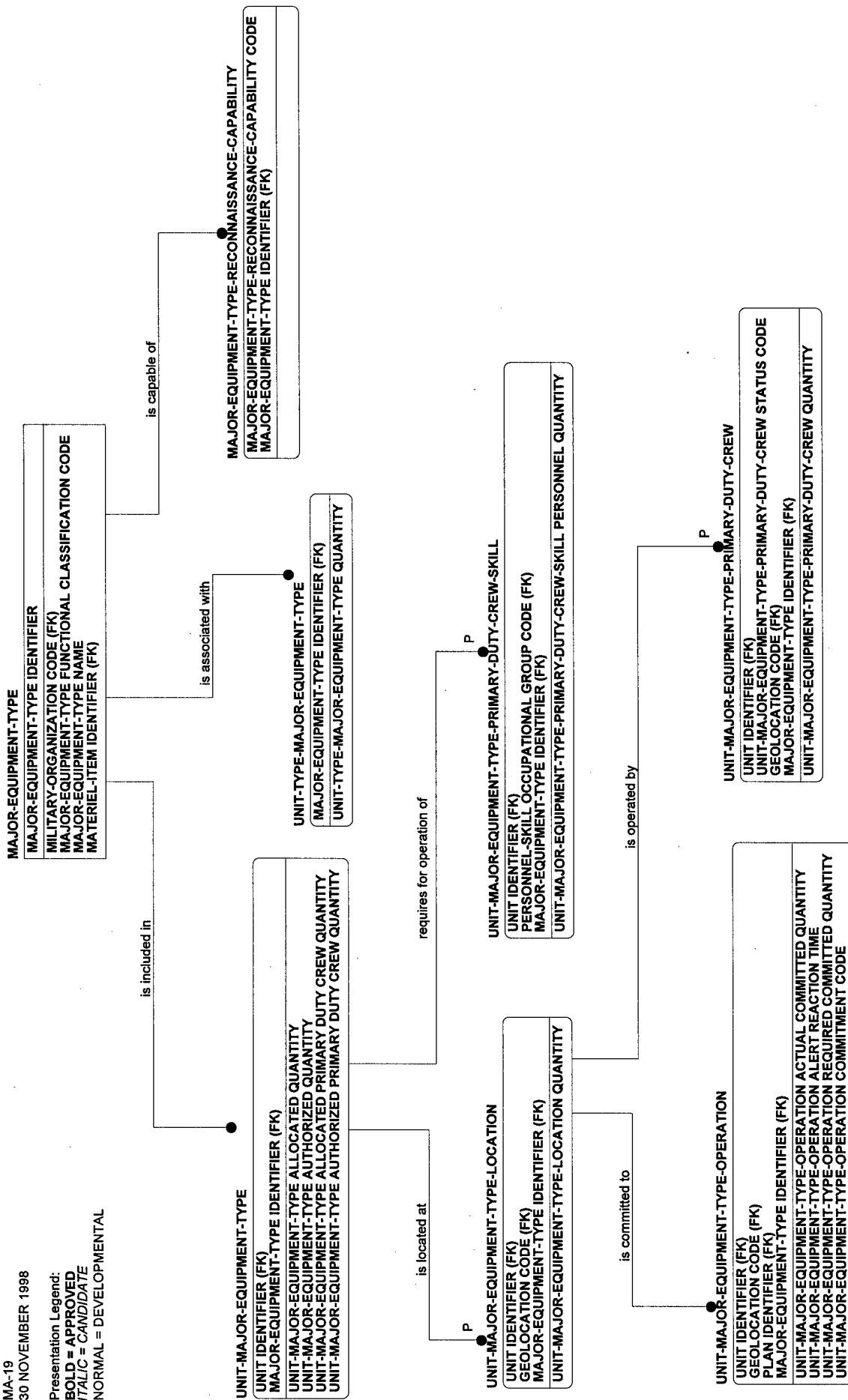
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RESPONDING.ORGANIZATION IDENTIFIER (FK)
PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)
MAINTENANCE-REQUEST CALENDAR DATE (FK)
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)
WORK-ORDER SEQUENCE IDENTIFIER (FK)
REQUESTER (FK)
WORK-ORDER CREATION CALENDAR DATE (FK)



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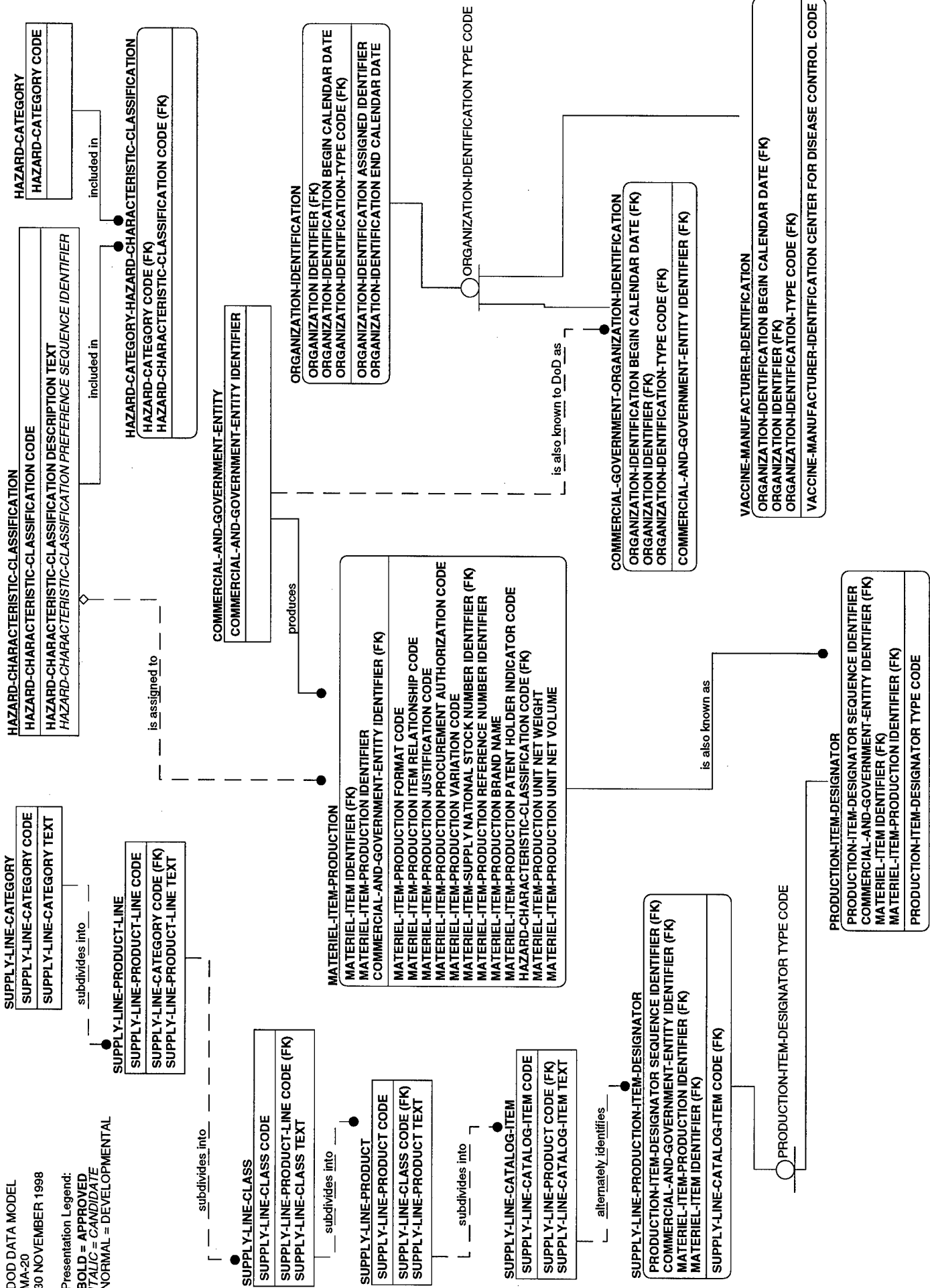
MA-19



MA-20

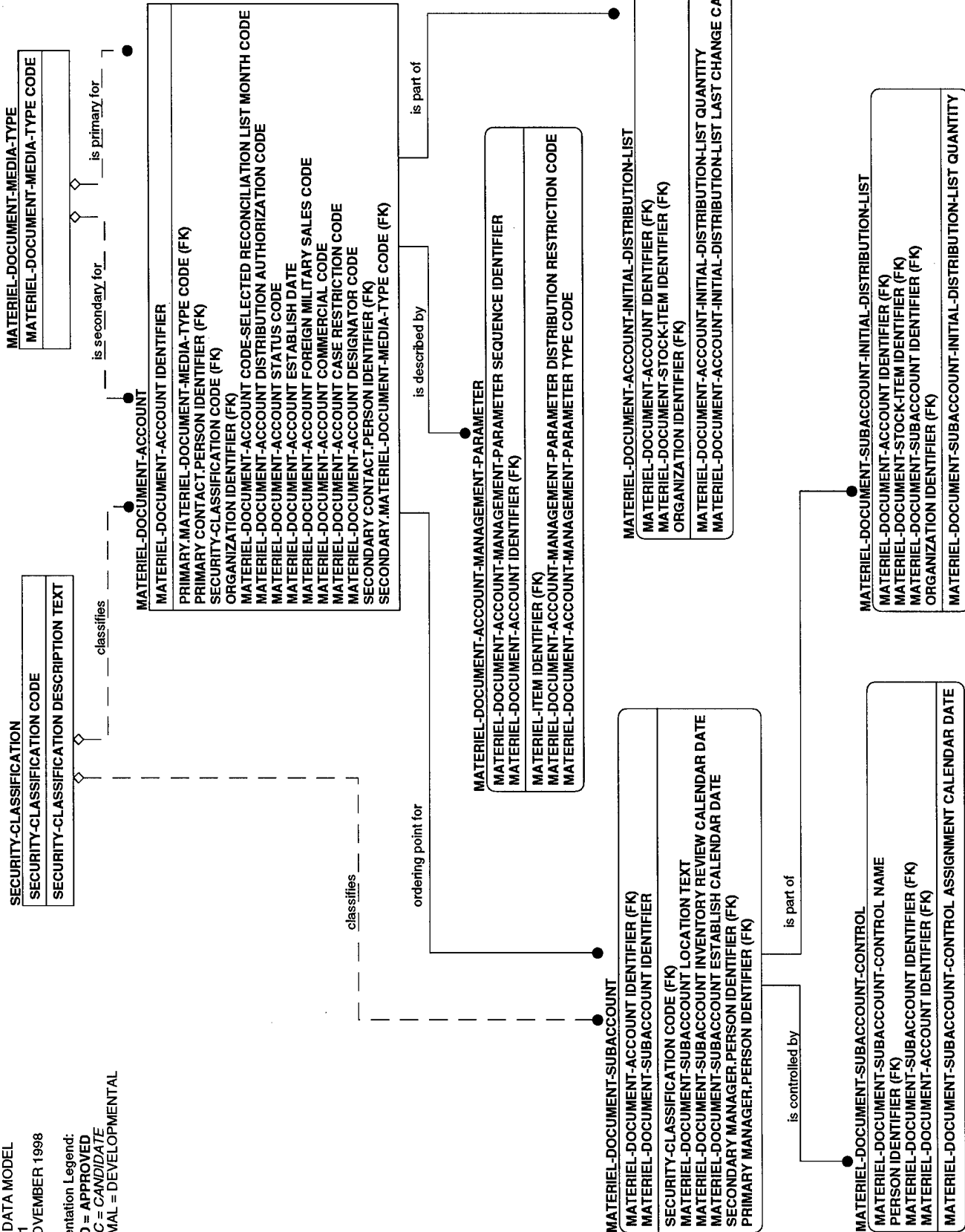


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NORMAL = DEVELOPMENTAL



MA-21

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



MA-22

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30 NOVEMBER 1998  
  
Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

MATERIEL-DOCUMENT-REVISION									
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER									
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE									
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER									
MATERIEL-DOCUMENT IDENTIFIER (FK)									
SECURITY-CLASSIFICATION CODE (FK)									
MATERIEL-DOCUMENT-REVISION SUPPLEMENT IDENTIFIER									
MATERIEL-DOCUMENT-REVISION CALENDAR DATE									
MATERIEL-DOCUMENT-REVISION CATEGORY CODE									
MATERIEL-DOCUMENT-REVISION ACTUAL DISTRIBUTION CALENDAR DATE									
MATERIEL-DOCUMENT-REVISION SCHEDULED DISTRIBUTION CALENDAR DATE									
MATERIEL-DOCUMENT-REVISION READING GRADE LEVEL CODE									
MATERIEL-DOCUMENT-REVISION COMMERCIAL CODE									
MATERIEL-DOCUMENT-REVISION PAGE QUANTITY									
MATERIEL-DOCUMENT-REVISION RETAIN QUANTITY									
MATERIEL-DOCUMENT-REVISION UNAVAILABILITY CALENDAR DATE									
MATERIEL-DOCUMENT-REVISION DATA RIGHTS CODE									
MATERIEL-DOCUMENT-REVISION PLANNED SUPERSESSION CALENDAR DATE									
MATERIEL-DOCUMENT-REVISION PLANNED RESCIND CALENDAR DATE									
MATERIEL-DOCUMENT-REVISION REPLACE CALENDAR DATE									
MATERIEL-DOCUMENT-REVISION OWNERSHIP TRANSFER CALENDAR DATE									
MATERIEL-DOCUMENT-REVISION INTERIM CODE									
MATERIEL-DOCUMENT-REVISION PRELIMINARY PUBLICATION CODE									
MATERIEL-DOCUMENT-REVISION VOLUME-UNIT IDENTIFIER									
MATERIEL-DOCUMENT-REVISION RESCINDED REVIEW CALENDAR DATE									
MATERIEL-DOCUMENT-REVISION CATALOG NOTE TEXT									
MATERIEL-DOCUMENT-REVISION SCHEDULED PUBLICATION CALENDAR DATE									
MATERIEL-DOCUMENT-REVISION REINSTATED CALENDAR DATE									
MATERIEL-DOCUMENT-REVISION TIME-COMPLIANT TECHNICAL ORDER RESCIND CALENDAR DATE									
MATERIEL-DOCUMENT-REVISION SHORT TITLE TEXT									
MATERIEL-DOCUMENT-REVISION JOINT PROPONENCY IDENTIFIER									
MATERIEL-DOCUMENT-REVISION TIME-COMPLIANT TECHNICAL ORDER DATA IDENTIFIER									
MATERIEL-DOCUMENT-REVISION AVAILABLE DISTRIBUTION CODE									
MATERIEL-DOCUMENT-REVISION TIME-COMPLIANT TECHNICAL ORDER CODE									
MATERIEL-DOCUMENT-REVISION AVAILABLE INDEX CODE									
MATERIEL-DOCUMENT-REVISION OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REVIEW REQUIREMENT CODE									
MATERIEL-DOCUMENT-REVISION RETAIN REASON CODE									
MATERIEL-DOCUMENT-REVISION SECONDARY DISTRIBUTION RESTRICTION STATEMENT CODE									
MATERIEL-DOCUMENT-REVISION SECONDARY DISTRIBUTION RESTRICTION STATEMENT REASON CODE									
COMMERCIAL-AND-GOVERNMENT-ENTITY IDENTIFIER (FK)									
MATERIEL-DOCUMENT-REVISION RELIABILITY CENTERED MAINTENANCE ANALYSIS CODE									

DOCUMENT-RECOMMENDED-CHANGE-ASSOCIATION

ORDINATE.(MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER,M/  
SUBORDINATE.(MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER

updated by

DOCUMENT-CHANGE-PACKAGE

DOCUMENT-CHANGE-PACKAGE IDENTIFIER

MATERIEL-DOCUMENT IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
DOCUMENT-CHANGE-PACKAGE INCORPORATION CALENDAR DATE  
DOCUMENT-CHANGE-PACKAGE SUBMISSION PREPARATION CALENDAR DATE  
DOCUMENT-CHANGE-PACKAGE SUBMISSION PRINTER CALENDAR DATE

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DOCUMENT-RECOMMENDED-CHANGE

DOCUMENT-RECOMMENDED-CHANGE IDENTIFIER  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)

DOCUMENT-CHANGE-PACKAGE IDENTIFIER (FK)  
DOCUMENT-RECOMMENDED-CHANGE-PRIORITY CODE (FK)  
DOCUMENT-RECOMMENDED-CHANGE CODE  
DOCUMENT-RECOMMENDED-CHANGE LOCAL IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE VOLUME-UNIT IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE TABLE IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE STEP IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE PARAGRAPH IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE DEFICIENCY PAGE IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE DEFICIENCY FIGURE IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE DEFICIENCY LINE IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE ITEM IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE FUNCTION IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE SUMMARY TEXT  
DOCUMENT-RECOMMENDED-CHANGE ESTIMATED COMPLETION CALENDAR DATE  
DOCUMENT-RECOMMENDED-CHANGE SUBMISSION SIGN CALENDAR DATE  
DOCUMENT-RECOMMENDED-CHANGE SUBMISSION EVALUATION CALENDAR DATE  
DOCUMENT-RECOMMENDED-CHANGE SUBMISSION CONTRACTOR CALENDAR DATE  
DOCUMENT-RECOMMENDED-CHANGE COMMENT TEXT  
DOCUMENT-RECOMMENDED-CHANGE DEFICIENCY TEXT  
DOCUMENT-RECOMMENDED-CHANGE REQUIREMENT STATEMENT TEXT

is primary change of

is duplicate change of

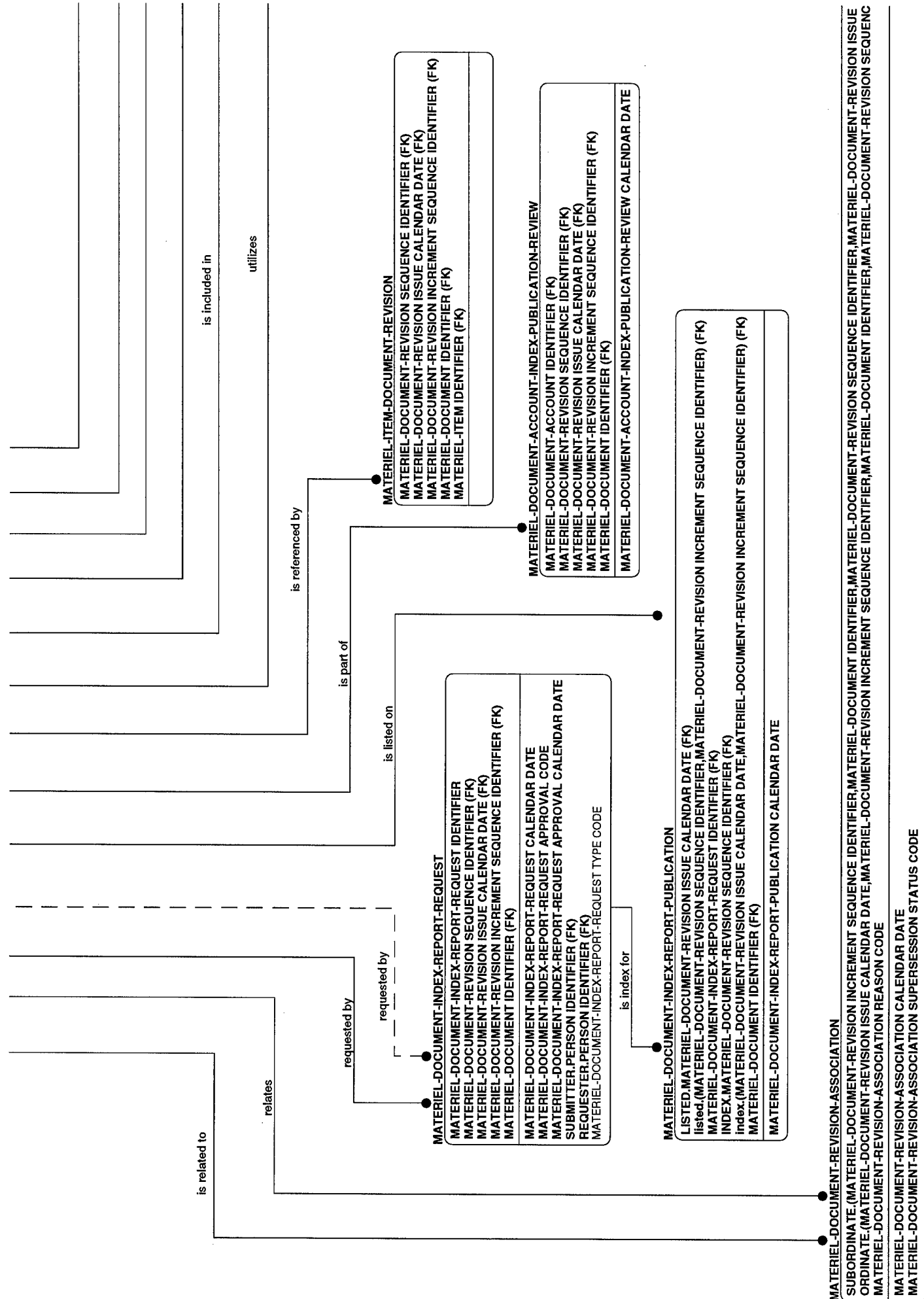
subject of

P

DOCUMENT-RECOMMENDED-CHANGE-ACTION

DOCUMENT-RECOMMENDED-CHANGE-ACTION SEQUENCE IDENTIFIER  
DOCUMENT-RECOMMENDED-CHANGE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)  
DOCUMENT-RECOMMENDED-CHANGE-ACTION CALENDAR DATE  
DOCUMENT-RECOMMENDED-CHANGE-ACTION STATUS CODE

MATERIEL-DOCUMENT IDENTIFIER,DOCUMENT-RECOMMENDED-CHANGE IDENTIFIER,MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE,MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER) (FK)  
R,MATERIEL-DOCUMENT IDENTIFIER,DOCUMENT-RECOMMENDED-CHANGE IDENTIFIER,MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE,MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER) (FK)



is the basis for

requires

is identified by

is described by

MATERIEL-DOCUMENT-REVISION-STATUS

MATERIEL-DOCUMENT-REVISION-STATUS CALENDAR DATE  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION-STATUS CODE  
MATERIEL-DOCUMENT IDENTIFIER (FK)

MATERIEL-DOCUMENT-REVISION-STOCK-ITEM

MATERIEL-DOCUMENT-STOCK-ITEM IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
ORGANIZATION IDENTIFIER (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)

MATERIEL-DOCUMENT-REVISION-STOCK-ITEM TYPE CODE

MATERIEL-DOCUMENT-REVISION-MEDIA-TYPE

MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-MEDIA-TYPE CODE (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)

CALENDAR DATE) (FK)  
E IDENTIFIER) (FK)

MATERIEL-DOCUMENT-REVISION-STORAGE-LOCATION

FACILITY IDENTIFIER (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
FACILITY-CLASS CODE (FK)  
FACILITY-BASIC-CATEGORY CODE (FK)  
STORAGE-LOCATION WAREHOUSE IDENTIFIER (FK)  
STORAGE-LOCATION SECTION IDENTIFIER (FK)  
STORAGE-LOCATION ROW IDENTIFIER (FK)  
STORAGE-LOCATION SEGMENT IDENTIFIER (FK)  
STORAGE-LOCATION LEVEL IDENTIFIER (FK)  
STORAGE-LOCATION COMPARTMENT IDENTIFIER (FK)  
FACILITY-USE EFFECTIVE DATE (FK)  
FACILITY-CATEGORY CODE (FK)  
FACILITY-USE STATUS CODE (FK)

MATERIEL-DOCUMENT-REVISION-POST-PUBLICATION-REVIEW

MATERIEL-DOCUMENT-REVISION-POST-PUBLICATION-REVIEW TYPE CODE  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)

MATERIEL-DOCUMENT-REVISION-POST-PUBLICATION-REVIEW CALENDAR DATE

MATERIEL-DOCUMENT-REVISION-POST-PUBLICATION-REVIEW RECOMMENDATION CODE

MATERIEL-DOCUMENT-REVISION-TITLE

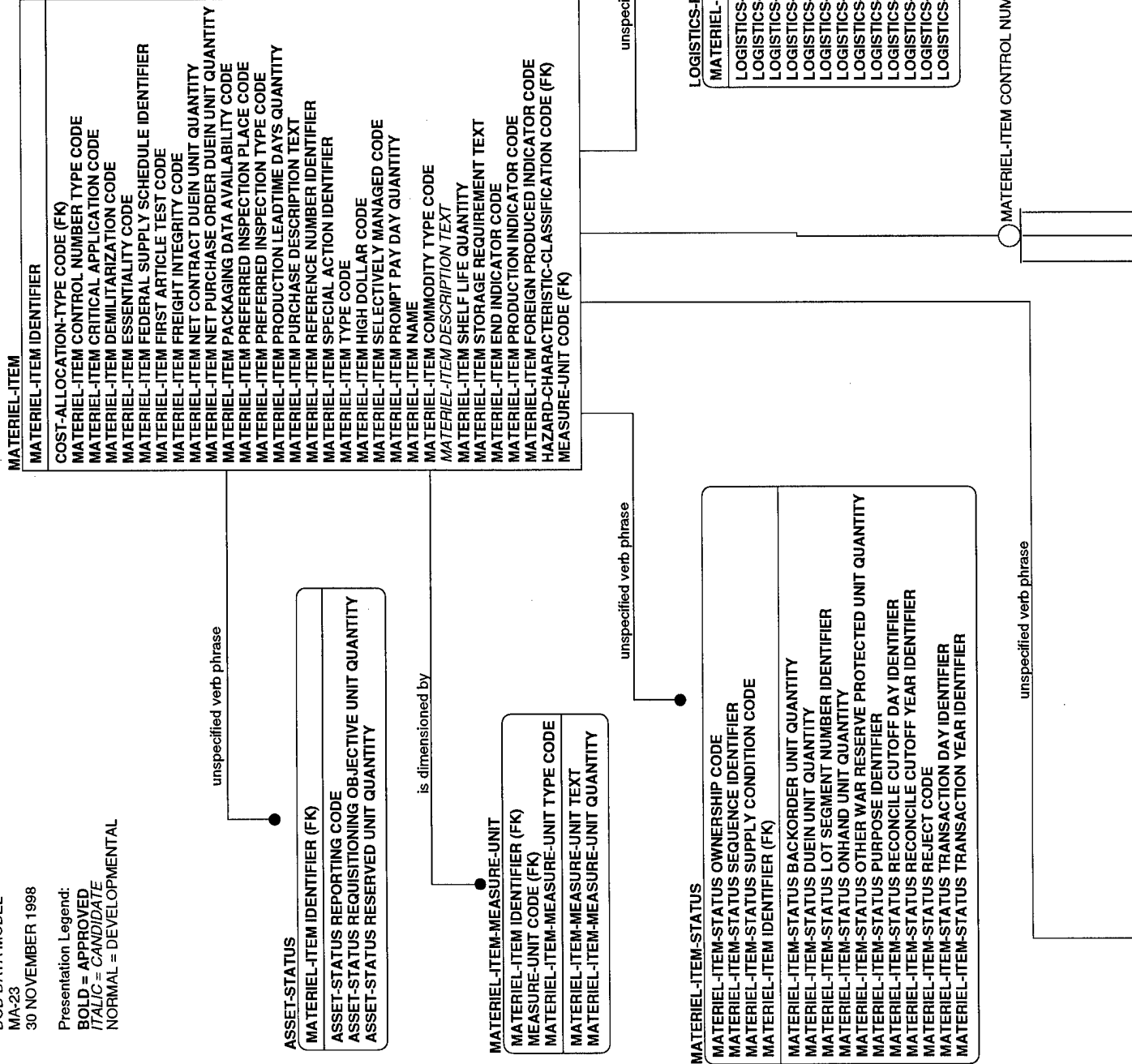
MATERIEL-DOCUMENT-REVISION-TITLE NAME  
MATERIEL-DOCUMENT-REVISION SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT-REVISION ISSUE CALENDAR DATE (FK)  
MATERIEL-DOCUMENT-REVISION INCREMENT SEQUENCE IDENTIFIER (FK)  
MATERIEL-DOCUMENT IDENTIFIER (FK)

SECURITY-CLASSIFICATION CODE (FK)



MA-23

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL





MA-24

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

**MATERIEL-ITEM**

MATERIEL-ITEM IDENTIFIER
COST-ALLOCATION-TYPE CODE (FK)
MATERIEL-ITEM CONTROL NUMBER TYPE CODE
MATERIEL-ITEM CRITICAL APPLICATION CODE
MATERIEL-ITEM DEMILITARIZATION CODE
MATERIEL-ITEM ESSENTIALITY CODE
MATERIEL-ITEM FEDERAL SUPPLY SCHEDULE IDENTIFIER
MATERIEL-ITEM FIRST ARTICLE TEST CODE
MATERIEL-ITEM FREIGHT INTEGRITY CODE
MATERIEL-ITEM NET CONTRACT DUEIN UNIT QUANTITY
MATERIEL-ITEM NET PURCHASE ORDER DUEIN UNIT QUANTITY
MATERIEL-ITEM PACKAGING DATA AVAILABILITY CODE
MATERIEL-ITEM PREFERRED INSPECTION PLACE CODE
MATERIEL-ITEM PRODUCTION LEADTIME DAYS QUANTITY
MATERIEL-ITEM PURCHASE DESCRIPTION TEXT
MATERIEL-ITEM REFERENCE NUMBER IDENTIFIER
MATERIEL-ITEM SPECIAL ACTION IDENTIFIER
MATERIEL-ITEM TYPE CODE
MATERIEL-ITEM HIGH DOLLAR CODE
MATERIEL-ITEM SELECTIVELY MANAGED CODE
MATERIEL-ITEM PROMPT PAY DAY QUANTITY
MATERIEL-ITEM NAME
MATERIEL-ITEM COMMODITY TYPE CODE
MATERIEL-ITEM DESCRIPTION TEXT
MATERIEL-ITEM SHELF LIFE QUANTITY
MATERIEL-ITEM STORAGE REQUIREMENT TEXT
MATERIEL-ITEM END INDICATOR CODE
MATERIEL-ITEM PRODUCTION INDICATOR CODE
MATERIEL-ITEM FOREIGN PRODUCED INDICATOR CODE
HAZARD-CHARACTERISTIC-CLASSIFICATION CODE (FK)
MEASURE-UNIT CODE (FK)

may be included in

**MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE**

ORGANIZATION IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE IDENTIFIER
MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE ACCURACY EVALUATION CODE
MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE QUANTITY
MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE RELIABILITY EVALUATION CODE
MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE STATUS CODE
MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE SUPPLY RATE
MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE TYPE CODE
MATERIEL-ITEM-ORGANIZATION-HOLDING-ESTIMATE CALENDAR DATE
ESTIMATING. ORGANIZATION IDENTIFIER (FK)

is the target of

is the agent of

**MATERIEL-ITEM-MATERIEL-ITEM-EFFECTIVENESS**

MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-ITEM-MATERIEL-ITEM-EFFECTIVENESS IDENTIFIER
MATERIEL-ITEM-MATERIEL-ITEM-EFFECTIVENESS CONDITION PROBABILITY RATE
MATERIEL-ITEM-MATERIEL-ITEM-EFFECTIVENESS EXPECTED RANGE DIMENSION

unspecified verb phrase

**MATERIEL-ITEM-DEMAND**

MATERIEL-ITEM IDENTIFIER (FK)
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unspecified verb phrase

**WAR-REQUIREMENT-ITEM**

WAR-REQUIREMENT-ITEM PREPARATION DAY IDENTIFIER
WAR-REQUIREMENT-ITEM PREPARATION YEAR IDENTIFIER
MATERIEL-ITEM IDENTIFIER (FK)
WAR-REQUIREMENT-ITEM CATEGORY CODE

unspecified verb phrase

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**WAR-REQUIREMENT-DETAIL**

WAR-REQUIREMENT-DETAIL SEQUENCE IDENTIFIER
WAR-REQUIREMENT-ITEM PREPARATION DAY IDENTIFIER (FK)
WAR-REQUIREMENT-ITEM PREPARATION YEAR IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
WAR-REQUIREMENT-DETAIL UNIT QUANTITY

may be included in

MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE
MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE IDENTIFIER
MATERIEL-ITEM IDENTIFIER (FK)
PERSON IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE ACCURACY EVALUATION CODE
MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE QUANTITY
MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE RELIABILITY EVALUATION CODE
MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE STATUS CODE
MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE SUPPLY RATE
MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE TYPE CODE
MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE CALENDAR DATE
MATERIEL-ITEM-PERSON-HOLDING-ESTIMATE TIME

may be included in

MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE
MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE IDENTIFIER
MATERIEL-ITEM IDENTIFIER (FK)
FEATURE IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE ACCURACY EVALUATION CODE
MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE QUANTITY
MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE RELIABILITY EVALUATION CODE
MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE STATUS CODE
MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE SUPPLY RATE
MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE TYPE CODE
MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE CALENDAR DATE
MATERIEL-ITEM-FEATURE-HOLDING-ESTIMATE TIME

is the object of

MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST
MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST IDENTIFIER
ORGANIZATION IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST PERIOD TEXT
MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST LABOR QUANTITY
MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST STOCK COST AMOUNT
MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST OTHER DIRECT COST AMOUNT
MATERIEL-MAINTENANCE-REQUIREMENT-FORECAST OVERHEAD COST AMOUNT

unspecified verb phrase

MATERIEL-ITEM-DATA-CORRECTION
MATERIEL-ITEM-DATA-CORRECTION EFFECTIVE DAY IDENTIFIER
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-ITEM-DATA-CORRECTION CHANGE CODE
MATERIEL-ITEM-DATA-CORRECTION DECIMAL LOCATOR FACTOR QUANTITY
MATERIEL-ITEM-DATA-CORRECTION EFFECTIVE YEAR IDENTIFIER
MATERIEL-ITEM-DATA-CORRECTION FORMER CONTROL NUMBER IDENTIFIER
MATERIEL-ITEM-DATA-CORRECTION FORMER UNIT ISSUE CODE
MATERIEL-ITEM-DATA-CORRECTION MULTIPLICATION FACTOR QUANTITY
MATERIEL-ITEM-DATA-CORRECTION REJECT CODE
MATERIEL-ITEM-DATA-CORRECTION TRANSACTION DAY IDENTIFIER
MATERIEL-ITEM-DATA-CORRECTION TRANSACTION YEAR IDENTIFIER

may be included in

MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE
MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE IDENTIFIER
MATERIEL-ITEM IDENTIFIER (FK)
FACILITY IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE ACCURACY EVALUATION CODE
MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE QUANTITY
MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE RELIABILITY EVALUATION CODE
MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE STATUS CODE
MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE SUPPLY RATE
MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE TYPE CODE
MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE CALENDAR DATE
MATERIEL-ITEM-FACILITY-HOLDING-ESTIMATE TIME

MA-25

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

MATERIEL-ITEM
MATERIEL-ITEM IDENTIFIER
COST-ALLOCATION-TYPE CODE (FK)
MATERIEL-ITEM CONTROL NUMBER TYPE CODE
MATERIEL-ITEM CRITICAL APPLICATION CODE
MATERIEL-ITEM DEMILITARIZATION CODE
MATERIEL-ITEM ESSENTIALITY CODE
MATERIEL-ITEM FEDERAL SUPPLY SCHEDULE IDENTIFIER
MATERIEL-ITEM FIRST ARTICLE TEST CODE
MATERIEL-ITEM FREIGHT INTEGRITY CODE
MATERIEL-ITEM NET PURCHASE ORDER DUEIN UNIT QUANTITY
MATERIEL-ITEM PACKAGING DATA AVAILABILITY CODE
MATERIEL-ITEM PREFERRED INSPECTION PLACE CODE
MATERIEL-ITEM PRODUCTION LEADTIME DAYS QUANTITY
MATERIEL-ITEM PURCHASE DESCRIPTION TEXT
MATERIEL-ITEM REFERENCE NUMBER IDENTIFIER
MATERIEL-ITEM SPECIAL ACTION IDENTIFIER
MATERIEL-ITEM TYPE CODE
MATERIEL-ITEM HIGH DOLLAR CODE
MATERIEL-ITEM SELECTIVELY MANAGED CODE
MATERIEL-ITEM PROMPT PAY DAY QUANTITY
MATERIEL-ITEM NAME
MATERIEL-ITEM COMMODITY TYPE CODE
MATERIEL-ITEM DESCRIPTION TEXT
MATERIEL-ITEM SHELF LIFE QUANTITY
MATERIEL-ITEM STORAGE REQUIREMENT TEXT
MATERIEL-ITEM END INDICATOR CODE
MATERIEL-ITEM PRODUCTION INDICATOR CODE
MATERIEL-ITEM FOREIGN PRODUCED INDICATOR CODE
HAZARD-CHARACTERISTIC-CLASSIFICATION CODE (FK)
MEASURE-UNIT CODE (FK)

MATERIEL-ITEM FOREIGN PRODUCED INDICATOR CODE

MATERIEL-ITEM-FOREIGN-PRODUCED  
MATERIEL-ITEM IDENTIFIER (FK)  
COUNTRY CODE (FK)

MATERIEL-ITEM PRODUCTION INDICATOR CODE

PRODUCTION-MATERIEL-ITEM  
MATERIEL-ITEM IDENTIFIER (FK)

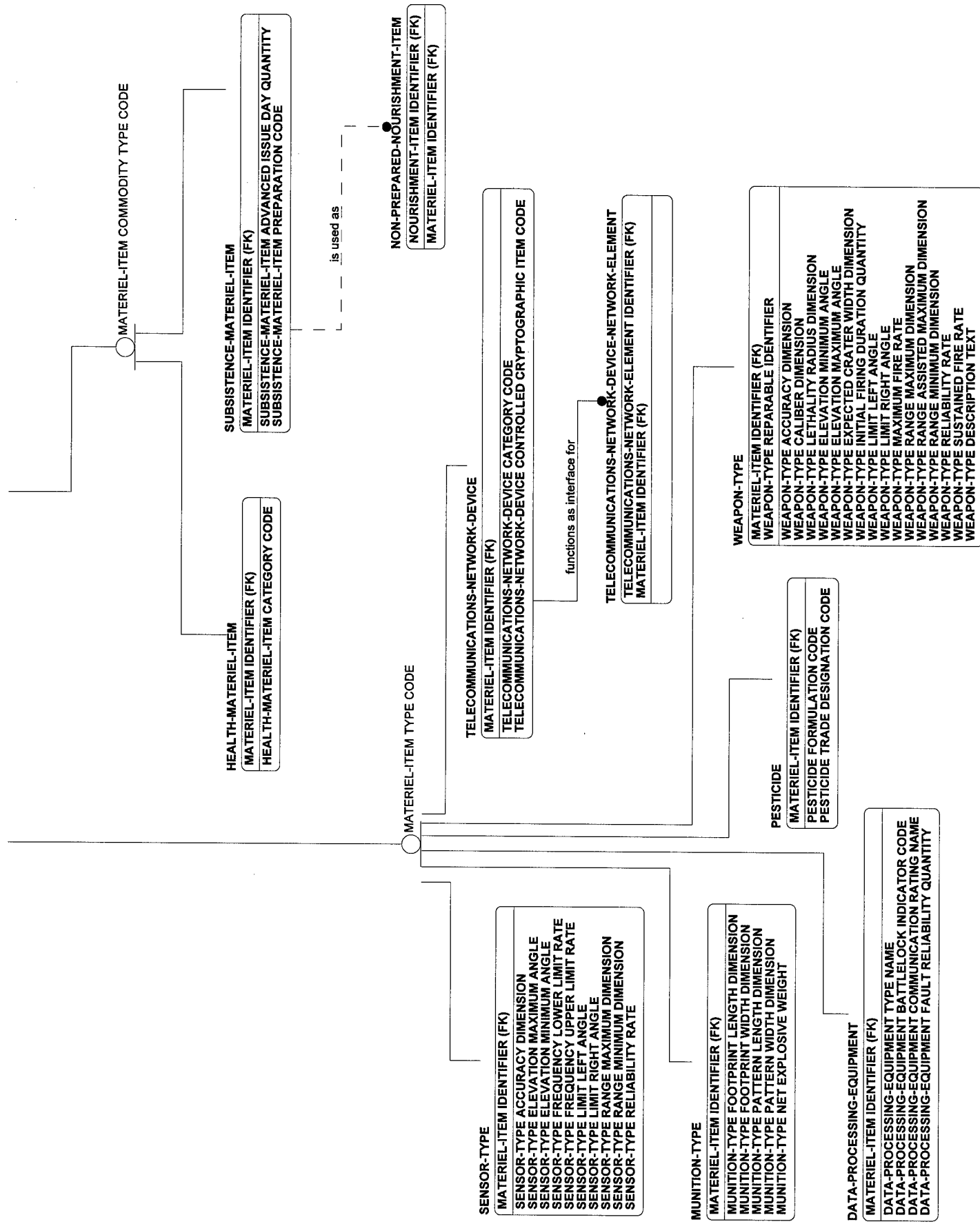
MATERIEL-ITEM CONTROL NUMBER TYPE CODE

SUPPLY-MATERIEL-ITEM  
MATERIEL-ITEM IDENTIFIER (FK)

MATERIEL-ITEM END INDICATOR CODE

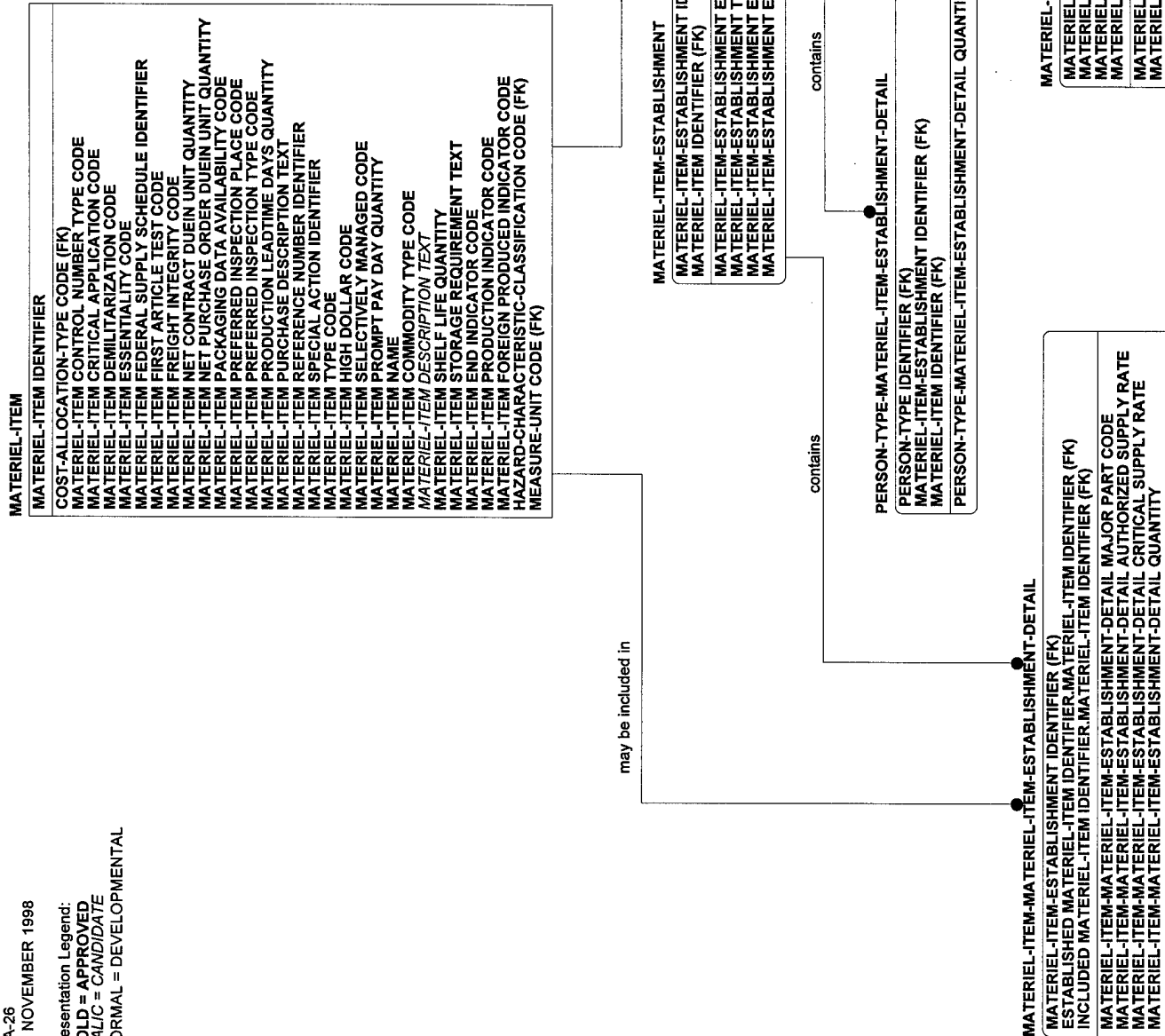
END-MATERIEL-ITEM  
MATERIEL-ITEM IDENTIFIER (FK)





MA-26

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



MA-27

Presentation Legend:  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
NORMAL = DEVELOPMENTAL

<b>COST-ALLOCATION-TYPE</b>
<b>COST-ALLOCATION-TYPE CODE</b>

is contained in

unspecified verb phrase

<b>MATERIEL-ITEM</b>
<b>MATERIEL-ITEM IDENTIFIER</b>
<b>COST-ALLOCATION-TYPE CODE (FK)</b>
<b>MATERIEL-ITEM CONTROL NUMBER TYPE CODE</b>
<b>MATERIEL-ITEM CRITICAL APPLICATION CODE</b>
<b>MATERIEL-ITEM DEMILITARIZATION CODE</b>
<b>MATERIEL-ITEM ESSENTIALITY CODE</b>
<b>MATERIEL-ITEM FEDERAL SUPPLY SCHEDULE IDENTIFIER</b>
<b>MATERIEL-ITEM FIRST ARTICLE TEST CODE</b>
<b>MATERIEL-ITEM FREIGHT INTEGRITY CODE</b>
<b>MATERIEL-ITEM NET CONTRACT DUEIN UNIT QUANTITY</b>
<b>MATERIEL-ITEM PACKAGING DATA AVAILABILITY CODE</b>
<b>MATERIEL-ITEM PREFERRED INSPECTION PLACE CODE</b>
<b>MATERIEL-ITEM PREFERRED INSPECTION TYPE CODE</b>
<b>MATERIEL-ITEM PRODUCTION LEADTIME DAYS QUANTITY</b>
<b>MATERIEL-ITEM PURCHASE DESCRIPTION TEXT</b>
<b>MATERIEL-ITEM REFERENCE NUMBER IDENTIFIER</b>
<b>MATERIEL-ITEM SPECIAL ACTION IDENTIFIER</b>
<b>MATERIEL-ITEM TYPE CODE</b>
<b>MATERIEL-ITEM HIGH DOLLAR CODE</b>
<b>MATERIEL-ITEM SELECTIVELY MANAGED CODE</b>
<b>MATERIEL-ITEM PROMPT PAY DAY QUANTITY</b>
<b>MATERIEL-ITEM NAME</b>
<b>MATERIEL-ITEM COMMODITY TYPE CODE</b>
<b>MATERIEL-ITEM DESCRIPTION TEXT</b>
<b>MATERIEL-ITEM SHELF LIFE QUANTITY</b>
<b>MATERIEL-ITEM STORAGE REQUIREMENT TEXT</b>
<b>MATERIEL-ITEM END INDICATOR CODE</b>
<b>MATERIEL-ITEM PRODUCTION INDICATOR CODE</b>
<b>MATERIEL-ITEM FOREIGN PRODUCED INDICATOR CODE</b>
<b>HAZARD-CHARACTERISTIC-CLASSIFICATION CODE (FK)</b>
<b>MEASURE-UNIT CODE (FK)</b>

<b>PRECIOUS-METAL</b>
<b>PRECIOUS-METAL CODE</b>
<b>MEASURE-UNIT CODE (FK)</b>
<b>PRECIOUS-METAL THRESHOLD WEIGHT</b>

is contained in

contains

<b>MATERIEL-ITEM-PRECIOUS-METAL</b>
<b>MATERIEL-ITEM IDENTIFIER (FK)</b>
<b>PRECIOUS-METAL CODE (FK)</b>
<b>MATERIEL-ITEM-PRECIOUS-METAL GROSS WEIGHT</b>

is purchased as

<b>MATERIEL-ITEM TYPE CODE</b>
--------------------------------

<b>AFFIRMATIVE-PROCUREMENT-ITEM</b>
<b>AFFIRMATIVE-PROCUREMENT-ITEM IDENTIFIER</b>
<b>MATERIEL-ITEM IDENTIFIER (FK)</b>

<b>AFFIRMATIVE-PROCUREMENT-ITEM CATEGORY CODE</b>
<b>AFFIRMATIVE-PROCUREMENT-ITEM ENVIRONMENTAL PREFERRED CODE</b>

has

<b>AFFIRMATIVE-PROCUREMENT-ITEM-COST</b>
<b>AFFIRMATIVE-PROCUREMENT-ITEM-COST IDENTIFIER</b>
<b>AFFIRMATIVE-PROCUREMENT-ITEM IDENTIFIER (FK)</b>
<b>MATERIEL-ITEM IDENTIFIER (FK)</b>
<b>AFFIRMATIVE-PROCUREMENT-ITEM-COST BEGIN CALENDAR DATE</b>
<b>AFFIRMATIVE-PROCUREMENT-ITEM-COST END CALENDAR DATE</b>
<b>AFFIRMATIVE-PROCUREMENT-ITEM-COST AMOUNT</b>
<b>AFFIRMATIVE-PROCUREMENT-ITEM-COST TYPE CODE</b>

PESTICIDE

<b>MATERIEL-ITEM IDENTIFIER (FK)</b>
<b>PESTICIDE FORMULATION CODE</b>
<b>PESTICIDE TRADE DESIGNATION CODE</b>

is regulated by

PESTICIDE

<b>GUIDANCE IDENTIFIER (FK)</b>
<b>MATERIEL-ITEM IDENTIFIER (FK)</b>

unspecified verb phrase

MATERIEL-ITEM-MANAGEMENT-CATEGORY
MATERIEL-ITEM-MANAGEMENT-CATEGORY FEDERAL SUPPLY GROUP CODE
MATERIEL-ITEM-MANAGEMENT-CATEGORY CANCELLED ORDINAL DATE
MATERIEL-ITEM-MANAGEMENT-CATEGORY NOTE TEXT
MATERIEL-ITEM-MANAGEMENT-CATEGORY TITLE TEXT

is subdivided into

MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS
MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS IDENTIFIER
MATERIEL-ITEM-MANAGEMENT-CATEGORY FEDERAL SUPPLY GROUP CODE (FK)
MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS CANCELLED ORDINAL DATE
MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS CURRENT STATUS CODE
MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS ESTABLISHED ORDINAL DATE
MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS EXCLUSION TEXT
MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS INCLUSION TEXT
MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS NOTE TEXT
MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS TITLE TEXT

is allocated to

MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS-GROUP-ASSOCIATION
MATERIEL-ITEM-MANAGEMENT-CATEGORY FEDERAL SUPPLY GROUP CODE (FK)
MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS IDENTIFIER (FK)
MATERIEL-MANAGEMENT-GROUP IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)

is managed by

RETAIL-SUPPLY-MANAGER
MATERIEL-ITEM-MANAGEMENT-CATEGORY FEDERAL SUPPLY GROUP CODE (FK)
MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
RETAIL-SUPPLY-MANAGER EFFECTIVE CALENDAR DATE

APPROVED-NAME

SUPPLY-ITEM-NAME IDENTIFIER (FK)
BASIC-CONCEPT-NAME IDENTIFIER (FK)
CONCEPT-NAME IDENTIFIER (FK)
APPROVED-NAME FEDERAL STOCK CLASS CONDITION CODE

unspecified verb phrase

classifies

MATERIEL-ITEM CONTROL NUMBER TYPE CODE

unspecified verb phrase

MATERIEL-ITEM-PRODUCTION
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-ITEM-PRODUCTION IDENTIFIER
COMMERCIAL-AND-GOVERNMENT-ENTITY IDENTIFIER (FK)
MATERIEL-ITEM-PRODUCTION FORMAT CODE
MATERIEL-ITEM-PRODUCTION ITEM RELATIONSHIP CODE
MATERIEL-ITEM-PRODUCTION JUSTIFICATION CODE
MATERIEL-ITEM-PRODUCTION PROCUREMENT AUTHORIZATION CODE
MATERIEL-ITEM-PRODUCTION VARIATION CODE
MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK)
MATERIEL-ITEM-PRODUCTION REFERENCE NUMBER IDENTIFIER
MATERIEL-ITEM-PRODUCTION BRAND NAME
MATERIEL-ITEM-PRODUCTION PATENT HOLDER INDICATOR CODE
HAZARD-CHARACTERISTIC-CLASSIFICATION CODE (FK)
MATERIEL-ITEM-PRODUCTION UNIT NET WEIGHT
MATERIEL-ITEM-PRODUCTION UNIT NET VOLUME

unspecified verb phrase

P

DOCUMENTATION-AVAILABILITY
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-ITEM-PRODUCTION IDENTIFIER (FK)
COMMERCIAL-AND-GOVERNMENT-ENTITY IDENTIFIER (FK)
DOCUMENTATION-AVAILABILITY DOCUMENT AVAILABILITY CODE

serves as

requires

unspecified verb phrase

SUPPLY-ITEM-SUBSTITUTE

MATERIEL-ITEM IDENTIFIER (FK)
SUPPLY-ITEM-SUBSTITUTE ORDER USE SEQUENCE IDENTIFIER
requires substitute.MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK)
serves as substitute for.MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK)
SUPPLY-ITEM-SUBSTITUTE EFFECTIVE DATE

Z

MATERIEL-ITEM-CANCELLATION
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK)
MATERIEL-ITEM-CANCELLATION DELETION REASON CODE
MATERIEL-ITEM-CANCELLATION EFFECTIVE ORDINAL DATE

\_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ • \_\_\_\_\_ • \_\_\_\_\_

MATERIEL-ITEM-SUPPLY
MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER
MATERIEL-ITEM IDENTIFIER (FK)
WATER-TYPE-CARGO CODE (FK)
MAIL-AIR-SPECIAL-HANDLING CODE (FK)
AIR-SPECIAL-HANDLING CODE (FK)
WATER-SPECIAL-HANDLING CODE (FK)
AIR-COMMODITY CODE (FK)
WATER-COMMODITY CODE (FK)
MATERIEL-ITEM-SUPPLY AIR SHIPMENT SIZE CODE
MATERIEL-ITEM-SUPPLY ASSIGNMENT ORDINAL DATE
MATERIEL-ITEM-SUPPLY AUTOMATED DATA PROCESSING EQUIPMENT CODE
MATERIEL-ITEM-SUPPLY DELETION REASON CODE
MATERIEL-ITEM-SUPPLY EFFECTIVE CALENDAR DATE
MATERIEL-ITEM-SUPPLY ELECTROSTATIC DISCHARGE ELECTROMAGNETIC INTERFERENCE CODE
MATERIEL-ITEM-SUPPLY FEDERAL ITEM IDENTIFICATION GUIDE CRITICALITY CODE
MATERIEL-ITEM-SUPPLY FEDERAL SUPPLY CLASS EXCEPTION MANAGEMENT CODE
MATERIEL-ITEM-SUPPLY HAZARDOUS MATERIAL CODE
MATERIEL-ITEM-SUPPLY HAZARDOUS MATERIAL INDICATOR CODE
MATERIEL-ITEM-SUPPLY IDENTIFIER
MATERIEL-ITEM-SUPPLY LAST MAJOR ORGANIZATIONAL ENTITY RULE NUMBER WITHHELD ORDINAL DATE
MATERIEL-ITEM-SUPPLY LIMITED DISTRIBUTION CODE
MATERIEL-ITEM-SUPPLY PRECIOUS METALS INDICATOR CODE
MATERIEL-ITEM-SUPPLY PRODUCTION EQUIPMENT IDENTIFIER
MATERIEL-ITEM-SUPPLY REFERENCE-OR-PARTIAL DESCRIPTION METHOD REASON CODE
MATERIEL-ITEM-SUPPLY STANDARDIZATION CODE
MATERIEL-ITEM-SUPPLY STANDARDIZATION ORDINAL DATE
MATERIEL-ITEM-SUPPLY STATUS CODE
MATERIEL-ITEM-SUPPLY SURCHARGE CODE
MATERIEL-ITEM-SUPPLY SURCHARGE FISCAL DECADE IDENTIFIER
MATERIEL-ITEM-SUPPLY SURCHARGE FISCAL YEAR IDENTIFIER
MATERIEL-ITEM-SUPPLY SURCHARGE UNIT AMOUNT
MATERIEL-ITEM-SUPPLY TYPE IDENTIFICATION CODE
FEDERAL-ITEM-IDENTIFICATION-GUIDE IDENTIFIER (FK)
SUPPLY-ITEM-NAME IDENTIFIER (FK)
MATERIEL-ITEM-MANAGEMENT-CATEGORY FEDERAL SUPPLY GROUP CODE (FK)
MATERIEL-ITEM-MANAGEMENT-FEDERAL-SUPPLY-CLASS IDENTIFIER (FK)
MATERIEL-ITEM-SUPPLY ENVIRONMENTAL REGISTRATION CODE
MATERIEL-ITEM-SUPPLY NATIONAL CODIFICATION BUREAU CODE
MATERIEL-ITEM-SUPPLY NATIONAL ITEM IDENTIFIER
MATERIEL-ITEM-SUPPLY SHORT IDENTIFIER

is approved by

INSTALLATION-MATERIEL-ITEM-SUPPLY
INSTALLATION IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK)

is contained in

contains

ASSEMBLY-PART

MATERIEL-ITEM IDENTIFIER (FK)
contained in.MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK)
contains.MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK)
ASSEMBLY-PART COMPONENT QUANTITY
ASSEMBLY-PART EFFECTIVE ORDINAL DATE
ASSEMBLY-PART PHRASE CODE

is replaced by

replaces

SUPPLY-ITEM-REPLACEMENT

MATERIEL-ITEM IDENTIFIER (FK)
SUPPLY-ITEM-REPLACEMENT EFFECTIVE DATE
SUPPLY-ITEM-REPLACEMENT PHRASE CODE
SUPPLY-ITEM-REPLACEMENT REASON TYPE CODE
replaced by.MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK)
replaces.MATERIEL-ITEM-SUPPLY NATIONAL STOCK NUMBER IDENTIFIER (FK)



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Presentation Legend:  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
NORMAL = DEVELOPMENTAL

MATERIEL-SERIALIZED-ASSET	
MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE	
MATERIEL-SERIALIZED-ASSET IDENTIFIER	
MATERIEL-ITEM IDENTIFIER (FK)	
ORGANIZATION IDENTIFIER (FK)	
MATERIEL-SERIALIZED-ASSET LIFE QUANTITY	
PROPERTY-ASSET-ITEM IDENTIFIER (FK)	
MATERIEL-DISTRIBUTION-STATUS CODE (FK)	
LOGISTICS-PURPOSE CODE (FK)	
MATERIEL-PROJECT CODE (FK)	
SUPPLY-CONDITION CODE (FK)	
MATERIEL-OWNERSHIP CODE (FK)	
WORK-CENTER IDENTIFIER (FK)	
MATERIEL-SERIALIZED-ASSET PRICE AMOUNT	
MATERIEL-SERIALIZED-ASSET PRODUCER SERIAL IDENTIFIER	
MATERIEL-SERIALIZED-ASSET QUANTITY	
MATERIEL-SERIALIZED-ASSET TYPE CODE	
MATERIEL-ITEM-PRODUCTION IDENTIFIER (FK)	
COMMERCIAL-AND-GOVERNMENT-ENTITY IDENTIFIER (FK)	
MATERIEL-ITEM-PRODUCTION-LOT IDENTIFIER (FK)	

MATERIEL-FAILURE	
MATERIEL-FAILURE CODE	
MATERIEL-FAILURE DESCRIPTION TEXT	
MATERIEL-FAILURE NAME	

seeks action by

experiences

is experienced by

is repaired by

MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET

PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)
MAINTENANCE-REQUEST CALENDAR DATE (FK)
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)
REQUESTER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)
MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET REQUIRED DELIVERY CALENDAR DATE

exhibits

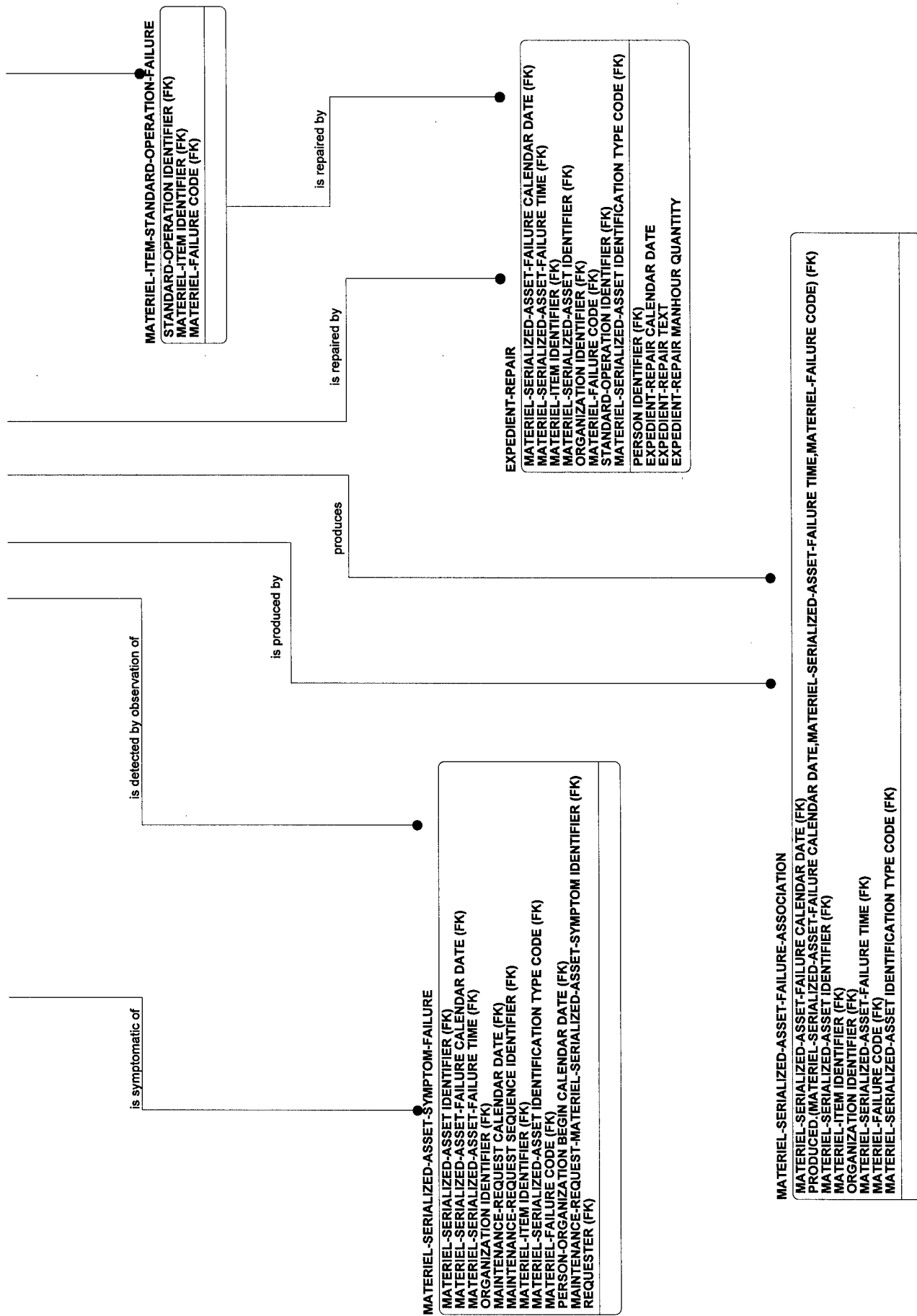
P

MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM

MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM REQUESTER (FK)
MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM IDENTIFIER
REQUESTER (FK)
MAINTENANCE-REQUEST CALENDAR DATE (FK)
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)
MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM ACCEPT CALENDAR DATE
MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM ACCEPT TIME
MAINTENANCE-REQUEST-MATERIEL-SERIALIZED-ASSET-SYMPTOM TEXT

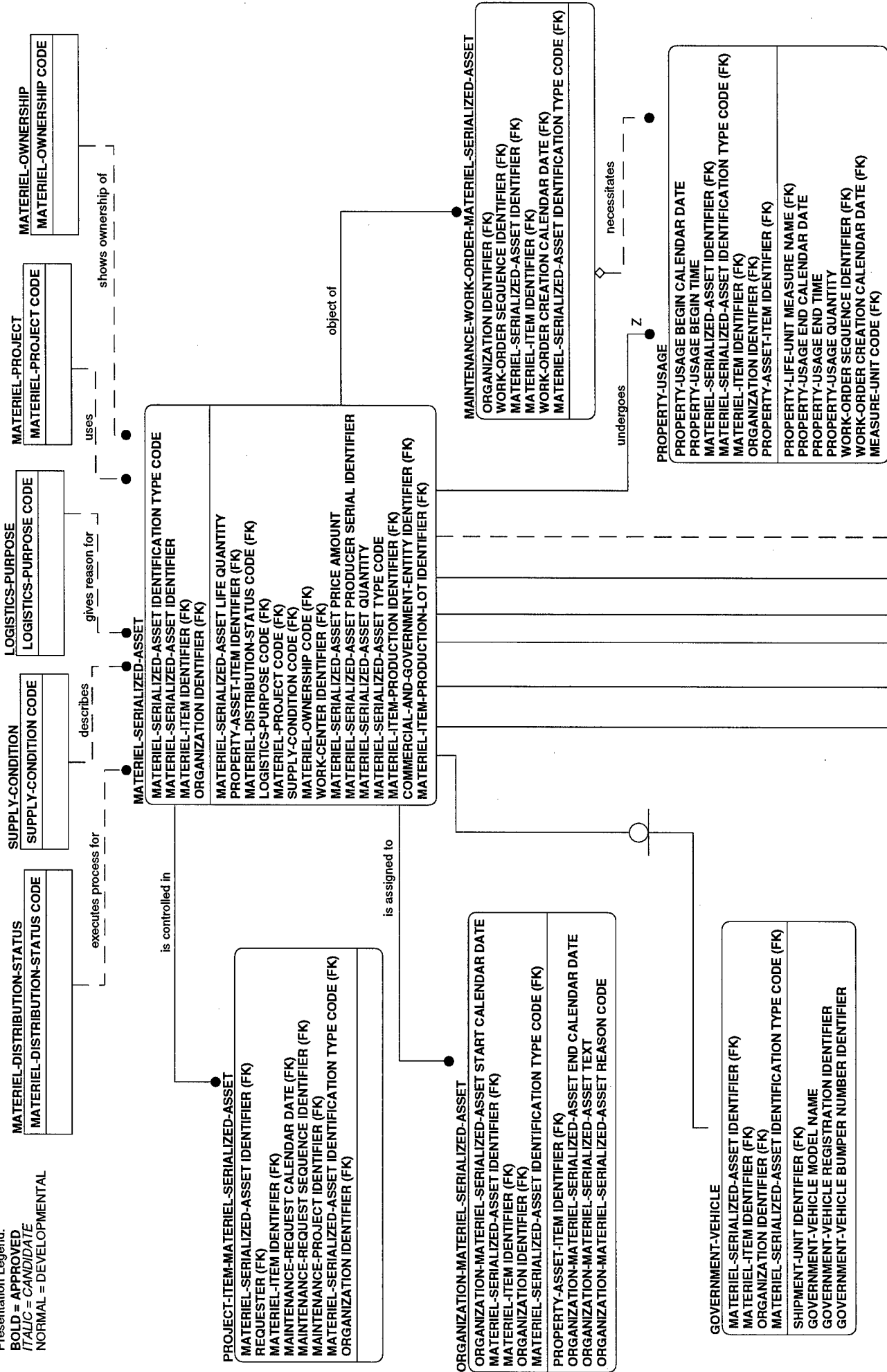
MATERIEL-SERIALIZED-ASSET-FAILURE

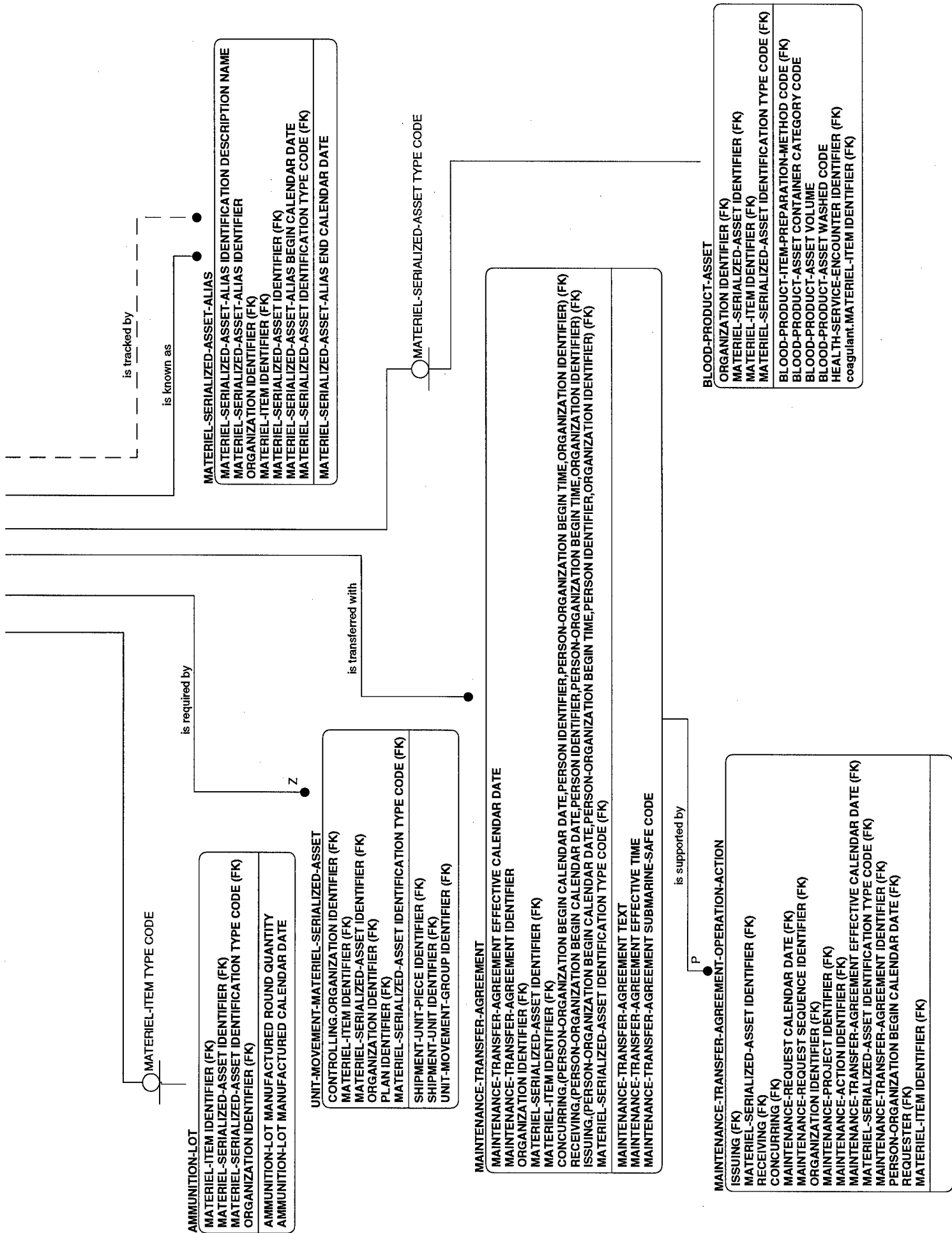
MATERIEL-SERIALIZED-ASSET-FAILURE CALENDAR DATE
MATERIEL-SERIALIZED-ASSET-FAILURE TIME
MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-FAILURE CODE (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)
ORGANIZATION IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET-FAILURE DURING MISSION CODE
MATERIEL-SERIALIZED-ASSET-FAILURE FIRST TROUBLE INDICATOR CODE
MATERIEL-SERIALIZED-ASSET-FAILURE FLOAT INDICATOR CODE
MATERIEL-SERIALIZED-ASSET-FAILURE DETECTED FAILURE CODE
MATERIEL-SERIALIZED-ASSET-FAILURE CLOSURE CALENDAR DATE



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Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL





MA-30

# DOD DATA MODEL

MA-30

30 NOVEMBER 1998

Presentation Legend:

BOLD = APPROVED

ITALIC = CANDIDATE

NORMAL = DEVELOPMENTAL

## LOGISTICS-EVENT

### LOGISTICS-EVENT DOCUMENT IDENTIFIER

LOGISTICS-EVENT DISTRIBUTION IDENTIFIER  
LOGISTICS-EVENT MULTIPLIER FACTOR CODE  
LOGISTICS-EVENT OWNERSHIP CODE  
LOGISTICS-EVENT PROJECT IDENTIFIER  
LOGISTICS-EVENT PURPOSE IDENTIFIER  
LOGISTICS-EVENT SIGNAL CODE  
LOGISTICS-EVENT SOURCE METHOD CODE  
LOGISTICS-EVENT IDENTIFIER (FK)  
LOGISTICS-PRIORITY CODE (FK)

unspecified verb phrase

## LOGISTICS-REASSIGNMENT

LOGISTICS-REASSIGNMENT SEQUENCE IDENTIFIER  
LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

LOGISTICS-REASSIGNMENT EFFECTIVE DAY IDENTIFIER  
LOGISTICS-REASSIGNMENT GAINING OWNERSHIP CODE  
LOGISTICS-REASSIGNMENT GAINING PURPOSE IDENTIFIER  
LOGISTICS-REASSIGNMENT LOSING OWNERSHIP CODE  
LOGISTICS-REASSIGNMENT LOSING PURPOSE IDENTIFIER  
LOGISTICS-REASSIGNMENT MANAGEMENT CODE  
LOGISTICS-REASSIGNMENT REJECT CODE  
LOGISTICS-REASSIGNMENT RETENTION UNIT QUANTITY  
LOGISTICS-REASSIGNMENT SUPPLY CONDITION CODE  
LOGISTICS-REASSIGNMENT TRANSACTION DAY IDENTIFIER  
LOGISTICS-REASSIGNMENT TRANSFER UNIT QUANTITY

unspecified verb phrase

Z

## MATERIEL-DUE-IN

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

MATERIEL-DUE-IN ESTIMATED MONTH IDENTIFIER  
MATERIEL-DUE-IN ESTIMATED YEAR IDENTIFIER  
MATERIEL-DUE-IN MANAGEMENT CODE  
MATERIEL-DUE-IN PACK EXPIRE MONTH CODE  
MATERIEL-DUE-IN PACK EXPIRE WEEK CODE  
MATERIEL-DUE-IN PACK EXPIRE YEAR IDENTIFIER  
MATERIEL-DUE-IN REJECT CODE  
MATERIEL-DUE-IN SUPPLY CONDITION CODE  
MATERIEL-DUE-IN UNIT QUANTITY  
MATERIEL-DUE-IN USE CODE  
MATERIEL-DUE-IN STATUS CODE  
REPRODUCTION-REQUEST IDENTIFIER (FK)

unspecified verb phrase

## SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE

SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE SEQUENCE IDENTIFIER  
LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE DAY IDENTIFIER  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE DECADE IDENTIFIER  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE MANAGEMENT CODE  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE REJECT CODE  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE SUPPLY CONDITION CODE  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE TYPE CODE  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE YEAR IDENTIFIER  
SINGLE-MANAGER-CONVENTIONAL-AMMUNITION-FREEZE-UNFREEZE REALLOCATED UNIT QUANTITY

results in

unspecified verb phrase

## GAIN-LOSS

GAIN-LOSS SEQUENCE IDENTIFIER  
LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

GAIN-LOSS ERROR TYPE CODE  
GAIN-LOSS LOCAL ERROR CLASSIFICATION IDENTIFIER  
GAIN-LOSS MANAGEMENT CODE  
GAIN-LOSS OPERATION CODE  
GAIN-LOSS PACK EXPIRE MONTH CODE  
GAIN-LOSS PACK EXPIRE WEEK CODE  
GAIN-LOSS PACK EXPIRE YEAR IDENTIFIER  
GAIN-LOSS REALLOCATED UNIT QUANTITY  
GAIN-LOSS REASON CODE  
GAIN-LOSS REJECT CODE  
GAIN-LOSS SUPPLY CONDITION CODE  
GAIN-LOSS TRANSACTION DAY IDENTIFIER

unspecified verb phrase

## MATERIEL-PURPOSE-TRANSFER

MATERIEL-PURPOSE-TRANSFER SEQUENCE IDENTIFIER  
LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

MATERIEL-PURPOSE-TRANSFER DAY IDENTIFIER  
MATERIEL-PURPOSE-TRANSFER MANAGEMENT CODE  
MATERIEL-PURPOSE-TRANSFER NEW PURPOSE IDENTIFIER  
MATERIEL-PURPOSE-TRANSFER OLD PURPOSE IDENTIFIER  
MATERIEL-PURPOSE-TRANSFER PACK EXPIRE MONTH CODE  
MATERIEL-PURPOSE-TRANSFER PACK EXPIRE WEEK CODE  
MATERIEL-PURPOSE-TRANSFER PACK EXPIRE YEAR IDENTIFIER  
MATERIEL-PURPOSE-TRANSFER REALLOCATED UNIT QUANTITY  
MATERIEL-PURPOSE-TRANSFER REJECT CODE

unspecified verb phrase

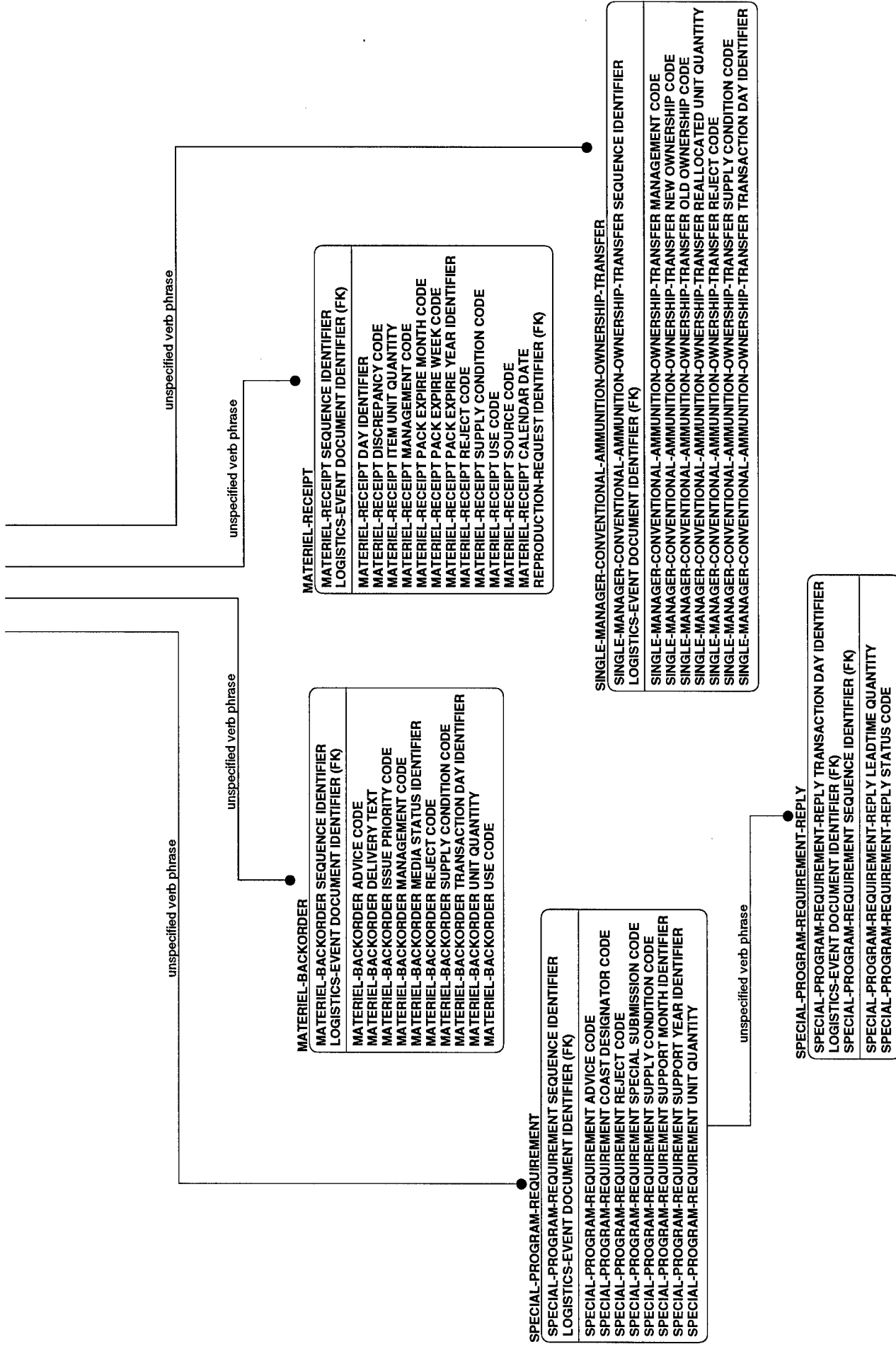
## MATERIEL-CONDITION-TRANSFER

MATERIEL-CONDITION-TRANSFER SEQUENCE IDENTIFIER  
LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)

MATERIEL-CONDITION-TRANSFER DAY IDENTIFIER  
MATERIEL-CONDITION-TRANSFER MANAGEMENT CODE  
MATERIEL-CONDITION-TRANSFER NEW SUPPLY CONDITION CODE  
MATERIEL-CONDITION-TRANSFER OLD SUPPLY CONDITION CODE  
MATERIEL-CONDITION-TRANSFER PACK EXPIRE MONTH CODE  
MATERIEL-CONDITION-TRANSFER PACK EXPIRE WEEK CODE  
MATERIEL-CONDITION-TRANSFER PACK EXPIRE YEAR IDENTIFIER  
MATERIEL-CONDITION-TRANSFER REALLOCATED UNIT QUANTITY  
MATERIEL-CONDITION-TRANSFER REJECT CODE







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# DOD DATA MODEL

MA-31

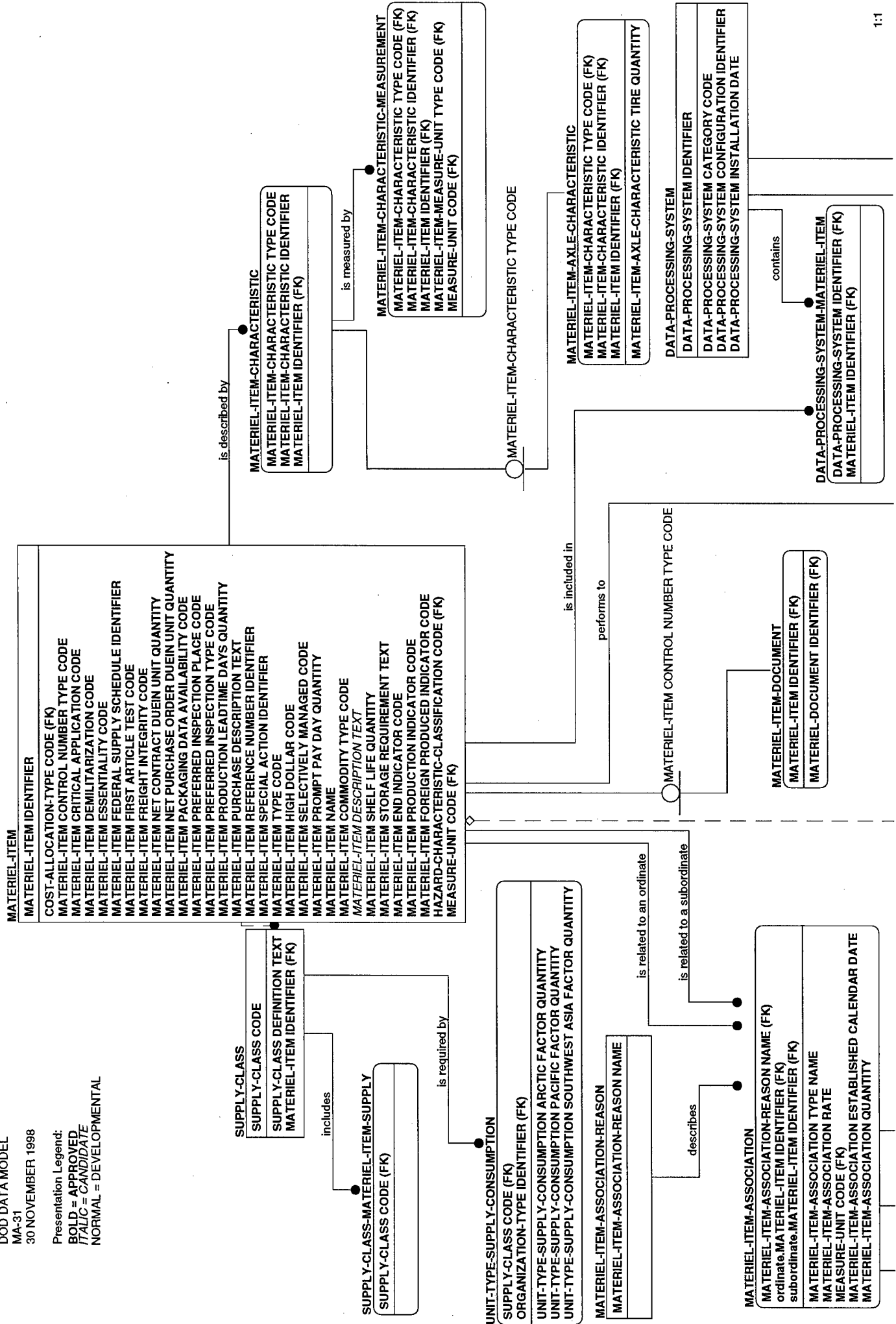
30 NOVEMBER 1998

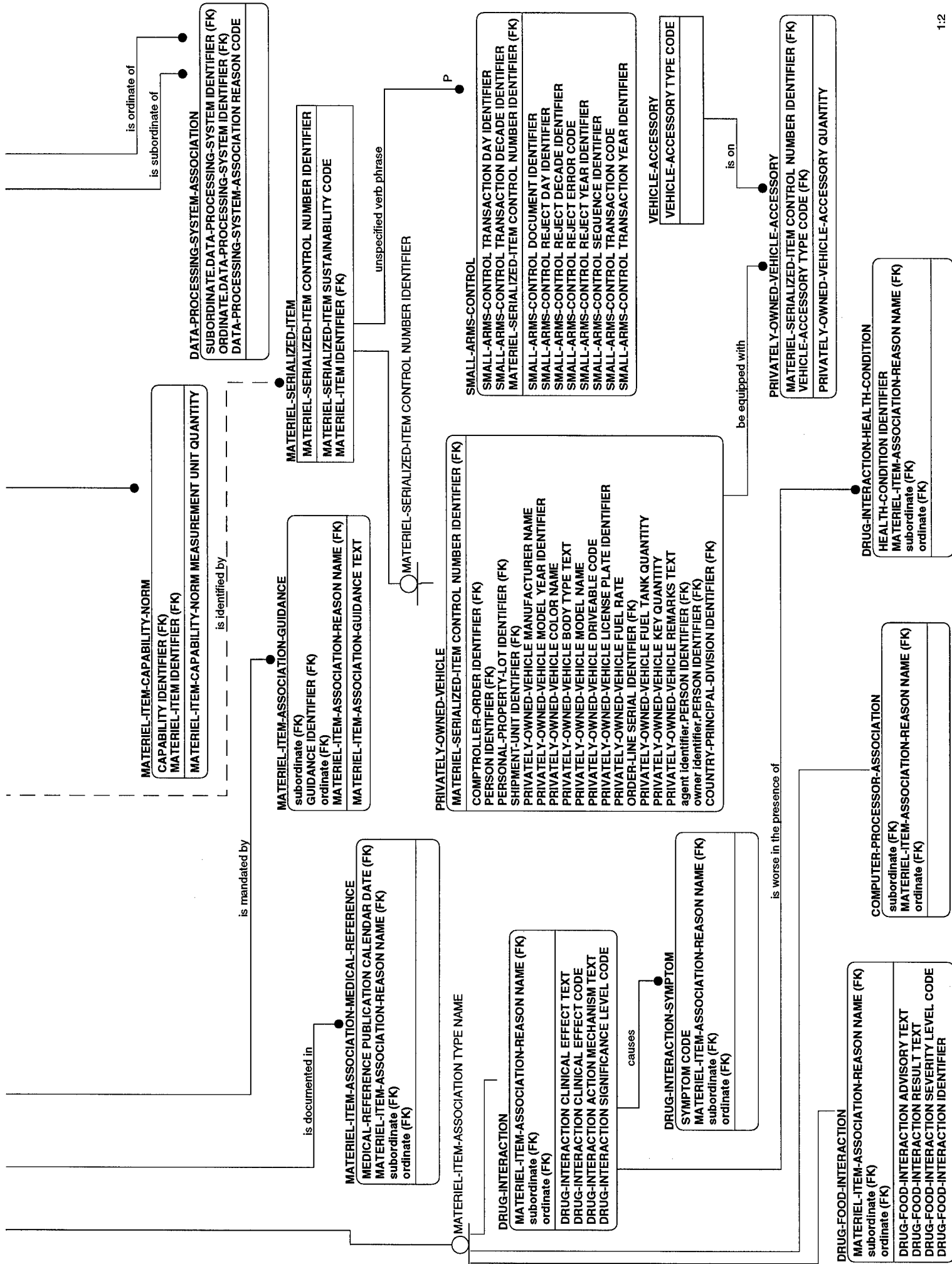
Presentation Legend:

**BOLD** = APPROVED

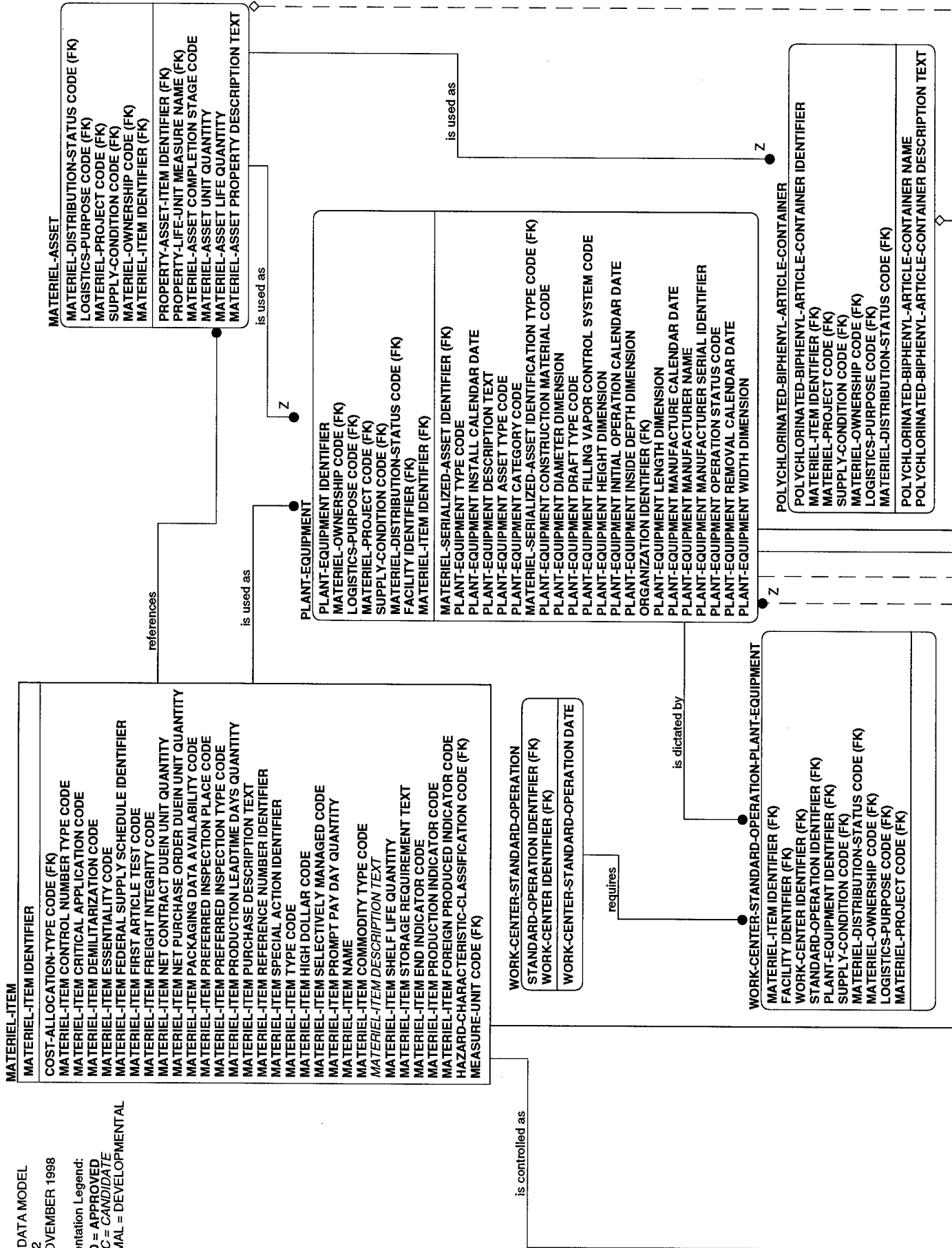
*ITALIC* = CANDIDATE

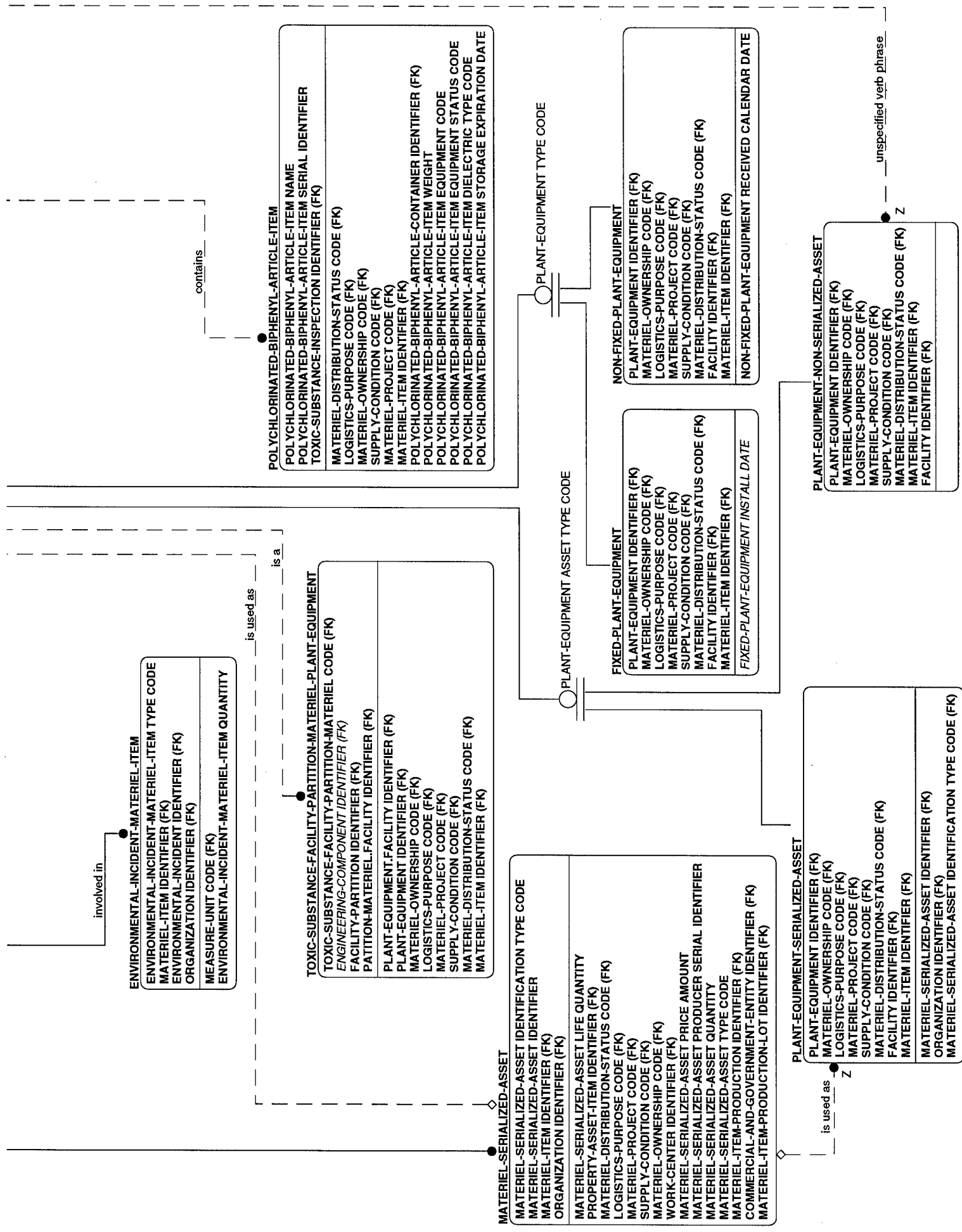
NORMAL = DEVELOPMENTAL





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MA-33

DOD DATA MODEL  
MA-33  
30 NOVEMBER 1998

Presentation Legend:

**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

**PROJECT-ITEM**

REQUESTER (FK)
MAINTENANCE-REQUEST CALENDAR DATE (FK)
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)
MAINTENANCE-PROJECT IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
PROJECT-ITEM DESCRIPTION TEXT
PROJECT-ITEM INSPECTION DESCRIPTION TEXT
PROJECT-ITEM FUND STATUS NARRATIVE TEXT
PROJECT-ITEM INSPECTION CRITERIA TEXT
PROJECT-ITEM QUANTITY
PROJECT-ITEM SERIAL IDENTIFIER
PROJECT-ITEM START CALENDAR DATE
PROJECT-ITEM INCOMPLETE QUANTITY

is project item child

is project item parent

**PROJECT-ITEM-STRUCTURE-ASSOCIATION**

ORDINATE.(MAINTENANCE-REQUEST SEQUENCE IDENTIFIER,MAINTENANCE-PROJECT IDENTIFIER,MAINTENANCE-REQUEST CALENDAR DATE) (FK)
SUBORDINATE.(MAINTENANCE-REQUEST SEQUENCE IDENTIFIER,MAINTENANCE-PROJECT IDENTIFIER,MAINTENANCE-REQUEST CALENDAR DATE) (FK)
REQUESTER (FK)
MATERIEL-ITEM IDENTIFIER (FK)

is worked by

**WORK-CENTER-PROJECT-ITEM**

REQUESTER (FK)
MAINTENANCE-REQUEST CALENDAR DATE (FK)
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
WORK-CENTER IDENTIFIER (FK)
MAINTENANCE-PROJECT IDENTIFIER (FK)

is segmented into

**PROJECT-ITEM-ZONE**

WORK.(MAINTENANCE-REQUEST SEQUENCE IDENTIFIER,MAINTENANCE-REQUEST CALENDAR DATE,ORGANIZATION IDENTIFIER) (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)
REQUESTER (FK)
PROJECT.(MAINTENANCE-REQUEST SEQUENCE IDENTIFIER,MAINTENANCE-REQUEST CALENDAR DATE) (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MAINTENANCE-PROJECT IDENTIFIER (FK)
WORK-ZONE IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)

controls maintenance for

**PROJECT-ITEM-MATERIEL-SERIALIZED-ASSET**

MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)
REQUESTER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MAINTENANCE-REQUEST CALENDAR DATE (FK)
MAINTENANCE-REQUEST SEQUENCE IDENTIFIER (FK)
MAINTENANCE-PROJECT IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)
ORGANIZATION IDENTIFIER (FK)

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DOD DATA MODEL  
MA-34  
30 NOVEMBER 1998

Presentation Legend:  
BOLD = APPROVED  
ITALIC = CANDIDATE  
NORMAL = DEVELOPMENTAL

MATERIEL-DOCUMENT-TRIMSIZEREQUIREMENT  
MATERIEL-DOCUMENT-TRIMSIZEREQUIREMENT CODE

specifies

is the specification for

MATERIEL-DOCUMENT-STOCK-ITEM  
MATERIEL-DOCUMENT-STOCK-ITEM IDENTIFIER  
ORGANIZATION IDENTIFIER (FK)  
MEASURE-UNIT CODE (FK)  
MATERIEL-DOCUMENT-STOCK-ITEM DISTRIBUTION RESTRICTION CODE  
MATERIEL-DOCUMENT-STOCK-ITEM RESERVE OTHER QUANTITY  
MATERIEL-DOCUMENT-STOCK-ITEM REORDER POINT METHOD CODE  
MATERIEL-DOCUMENT-STOCK-ITEM REORDER POINT RATE  
MATERIEL-DOCUMENT-STOCK-ITEM RESERVE WAR QUANTITY  
MATERIEL-DOCUMENT-STOCK-ITEM RESERVE TOTAL PACKAGE FIELDING QUANTITY  
MATERIEL-DOCUMENT-STOCK-ITEM RESERVE STOCK QUANTITY  
MATERIEL-DOCUMENT-STOCK-ITEM RESERVE SCHOOL QUANTITY  
MATERIEL-DOCUMENT-STOCK-ITEM CASH AMOUNT  
MATERIEL-DOCUMENT-STOCK-ITEM DORMANT STOCK CODE  
MATERIEL-DOCUMENT-STOCK-ITEM PAGE QUANTITY  
MATERIEL-DOCUMENT-STOCK-ITEM ACQUISITION LEAD-TIME QUANTITY  
MATERIEL-DOCUMENT-STOCK-ITEM RESERVE OTHER REASON TEXT  
MATERIEL-DOCUMENT-STOCK-ITEM SPONSOR APPROVAL REQUIREMENT CODE  
MATERIEL-DOCUMENT-STOCK-ITEM UNIT AMOUNT  
MATERIEL-DOCUMENT-STOCK-ITEM REORDER POINT QUANTITY  
MATERIEL-DOCUMENT-STOCK-ITEM ECONOMIC ORDER QUANTITY  
MATERIEL-DOCUMENT-STOCK-ITEM MAXIMUM SHIPMENT QUANTITY  
MATERIEL-DOCUMENT-STOCK-ITEM FOREIGN MILITARY SALES UNIT AMOUNT  
MATERIEL-DOCUMENT-TRIMSIZEREQUIREMENT CODE (FK)

is the subject of

is reordered by

MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE  
MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE IDENTIFIER  
ORGANIZATION IDENTIFIER (FK)  
MATERIEL-DOCUMENT-STOCK-ITEM IDENTIFIER (FK)  
MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE STATUS CODE  
MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE CALENDAR DATE  
MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE FOLLOW UP CALENDAR DATE  
MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE SUGGESTED QUANTITY  
MATERIEL-DOCUMENT-STOCK-ITEM-REORDER-NOTICE STATUS CHANGE CALENDAR DATE

REPRODUCTION-REQUEST  
REPRODUCTION-REQUEST IDENTIFIER  
MATERIEL-DOCUMENT-MEDIA-TYPE CODE (FK)  
ORGANIZATION IDENTIFIER (FK)  
COMMERCIAL-AND-GOVERNMENT-ENTITY IDENTIFIER (FK)  
ESTIMATE APPROVER PERSON IDENTIFIER (FK)  
REQUESTOR PERSON IDENTIFIER (FK)  
ORIGINALS RECIPIENT PERSON IDENTIFIER (FK)  
SUBMITTER PERSON IDENTIFIER (FK)  
NEGATIVES RECIPIENT PERSON IDENTIFIER (FK)  
FACILITY IDENTIFIER (FK)  
MATERIEL-DOCUMENT-STOCK-ITEM IDENTIFIER (FK)  
REPRODUCTION-REQUEST CONTRACTOR INITIAL DISTRIBUTION QUANTITY  
REPRODUCTION-REQUEST ORIGINAL DISPOSITION TYPE CODE  
REPRODUCTION-REQUEST NEGATIVE DISPOSITION TYPE CODE  
REPRODUCTION-REQUEST STATUS CODE  
REPRODUCTION-REQUEST PROCUREMENT TYPE CODE  
REPRODUCTION-REQUEST LABEL HANDLING CODE  
REPRODUCTION-REQUEST ORDERED QUANTITY  
REPRODUCTION-REQUEST AMENDMENT IDENTIFIER  
REPRODUCTION-REQUEST ACTUAL COMPLETION CALENDAR DATE  
REPRODUCTION-REQUEST QUOTED AMOUNT  
REPRODUCTION-REQUEST LEAD QUOTED AMOUNT  
REPRODUCTION-REQUEST JOINT QUOTED AMOUNT  
REPRODUCTION-REQUEST ESTIMATED COMPLETION CALENDAR DATE  
REPRODUCTION-REQUEST ESTIMATED SHIPMENT CALENDAR DATE  
REPRODUCTION-REQUEST PRINT CONTRACTOR NAME  
REPRODUCTION-REQUEST NON FOREIGN MILITARY SALE INITIAL DISTRIBUTION QUANTITY  
REPRODUCTION-REQUEST NEGATIVE EXPIRATION CALENDAR DATE  
REPRODUCTION-REQUEST MEDIA CONVERSION CODE  
REPRODUCTION-REQUEST GROUPING UNIT QUANTITY  
REPRODUCTION-REQUEST GROUPING TYPE CODE  
REPRODUCTION-REQUEST PACKING RATE  
REPRODUCTION-REQUEST PRINTER SUBMISSION CALENDAR DATE  
REPRODUCTION-REQUEST STAGGER DELIVERY CODE  
REPRODUCTION-REQUEST SHIPMENT LABEL GENERATED CALENDAR DATE  
REPRODUCTION-REQUEST REQUIRED COMPLETION CALENDAR DATE  
REPRODUCTION-REQUEST CALENDAR DATE  
REPRODUCTION-REQUEST QUOTED TOTAL AMOUNT  
REPRODUCTION-REQUEST REPRODUCTION MASTER QUANTITY  
REPRODUCTION-REQUEST FOREIGN MILITARY SALE INITIAL DISTRIBUTION QUANTITY  
REPRODUCTION-REQUEST COST ESTIMATE CONFIRM CODE  
REPRODUCTION-REQUEST SPECIAL INSTRUCTION TEXT  
REPRODUCTION-REQUEST ASSEMBLY COMMENT TEXT  
REPRODUCTION-REQUEST COMMENT TEXT  
REPRODUCTION-REQUEST DELIVERY INSTRUCTION TEXT

is the basis for

is reviewed by

REPRODUCTION-REQUEST-ADDITIONAL-REQUIREMENT  
REPRODUCTION-REQUEST-ADDITIONAL-REQUIREMENT SEQUENCE IDENTIFIER  
REPRODUCTION-REQUEST IDENTIFIER (FK)  
ORGANIZATION IDENTIFIER (FK)  
REPRODUCTION-REQUEST-ADDITIONAL-REQUIREMENT QUANTITY  
REPRODUCTION-REQUEST-ADDITIONAL-REQUIREMENT REQUIRED DELIVERY CALENDAR DATE  
REPRODUCTION-REQUEST-ADDITIONAL-REQUIREMENT COMMENT TEXT

REPRODUCTION-REQUEST-REVIEW  
REPRODUCTION-REQUEST IDENTIFIER (FK)  
PERSON IDENTIFIER (FK)  
REPRODUCTION-REQUEST-REVIEW DISPOSITION CALENDAR DATE  
REPRODUCTION-REQUEST-REVIEW DISPOSITION IDENTIFIER

# MATERIEL-DOCUMENT-TRIMS-DRILL-REQUIREMENT

MATERIEL-DOCUMENT-TRIMS-DRILL-REQUIREMENT CODE (FK)  
MATERIEL-DOCUMENT-TRIMS-DRILL-REQUIREMENT INSTRUCTION TEXT

is the specification for

contains

## MATERIEL-RECEIPT

LOGISTICS-EVENT DOCUMENT IDENTIFIER (FK)  
MATERIEL-RECEIPT DAY IDENTIFIER  
MATERIEL-RECEIPT DISCREPANCY CODE  
MATERIEL-RECEIPT ITEM UNIT QUANTITY  
MATERIEL-RECEIPT MANAGEMENT CODE  
MATERIEL-RECEIPT PACK EXPIRE MONTH CODE  
MATERIEL-RECEIPT PACK EXPIRE WEEK CODE  
MATERIEL-RECEIPT PACK EXPIRE YEAR IDENTIFIER  
MATERIEL-RECEIPT REJECT CODE  
MATERIEL-RECEIPT SUPPLY CONDITION CODE  
MATERIEL-RECEIPT USE CODE  
MATERIEL-RECEIPT SOURCE CODE  
MATERIEL-RECEIPT CALENDAR DATE  
REPRODUCTION-REQUEST IDENTIFIER (FK)

## REPRODUCTION-REQUEST MEDIA CONVERSION CODE

PAPER-STOCK-TYPE  
PAPER-STOCK-TYPE CODE

is page for  
is cover for

## PAPER-STOCK-SPECIFICATION

REPRODUCTION-REQUEST IDENTIFIER (FK)  
MATERIEL-DOCUMENT-TRIMS-DRILL-REQUIREMENT CODE (FK)  
MATERIEL-DOCUMENT-TRIMS-REQUIREMENT CODE (FK)  
PAGE-PAPER-STOCK-TYPE CODE (FK)  
PAPER-STOCK-SPECIFICATION REPRODUCTION PRINT TYPE CODE  
PAPER-STOCK-SPECIFICATION REPRODUCTION BIND TYPE CODE  
PAPER-STOCK-SPECIFICATION REPRODUCTION TRIM TYPE CODE  
COVER-PAPER-STOCK-TYPE CODE (FK)

## DIGITAL-STOCK-SPECIFICATION

### REPRODUCTION-REQUEST IDENTIFIER (FK)

INPUT.MATERIEL-DOCUMENT-MEDIA-TYPE CODE (FK)  
OUTPUT.MATERIEL-DOCUMENT-MEDIA-TYPE CODE (FK)  
DIGITAL-STOCK-SPECIFICATION PACKAGE CODE  
DIGITAL-STOCK-SPECIFICATION PACKAGE LABEL FILE NAME  
DIGITAL-STOCK-SPECIFICATION PRODUCT FILE NAME  
DIGITAL-STOCK-SPECIFICATION FURNISHED MATERIAL FILE NAME  
DIGITAL-STOCK-SPECIFICATION PRODUCT DETAIL TEXT  
DIGITAL-STOCK-SPECIFICATION FURNISHED MATERIAL TEXT  
DIGITAL-STOCK-SPECIFICATION INSERT ART INFORMATION TEXT  
DIGITAL-STOCK-SPECIFICATION DISK ART INFORMATION TEXT  
DIGITAL-STOCK-SPECIFICATION PACKAGING INFORMATION TEXT

is the basis for

## REPRODUCTION-ASSEMBLY-ENTRY

REPRODUCTION-ASSEMBLY-ENTRY TRUE FOLIO PAGE IDENTIFIER  
REPRODUCTION-ASSEMBLY-ENTRY TRUE FOLIO SIDE CODE  
REPRODUCTION-ASSEMBLY-ENTRY SYMBOL CODE  
REPRODUCTION-REQUEST IDENTIFIER (FK)  
ENGINEERING-DRAWING IDENTIFIER (FK)  
REPRODUCTION-ASSEMBLY-ENTRY GRAPHIC IDENTIFIER  
REPRODUCTION-ASSEMBLY-ENTRY FOLDOUT PAGE QUANTITY  
REPRODUCTION-ASSEMBLY-ENTRY HALF TONE QUANTITY  
REPRODUCTION-ASSEMBLY-ENTRY PAGE IDENTIFIER  
REPRODUCTION-ASSEMBLY-ENTRY NEGATIVE ART IDENTIFIER  
REPRODUCTION-ASSEMBLY-ENTRY STRIP IN QUANTITY  
REPRODUCTION-ASSEMBLY-ENTRY LINE SPECIFICATION QUANTITY  
REPRODUCTION-ASSEMBLY-ENTRY FOLDOUT TYPE CODE  
REPRODUCTION-ASSEMBLY-ENTRY FOLDOUT BLANK PAGE QUANTITY  
REPRODUCTION-ASSEMBLY-ENTRY INK COLOR QUANTITY  
COMMERCIAL-AND-GOVERNMENT-ENTITY IDENTIFIER (FK)

MA-35

DOD DATA MODEL

MA-35

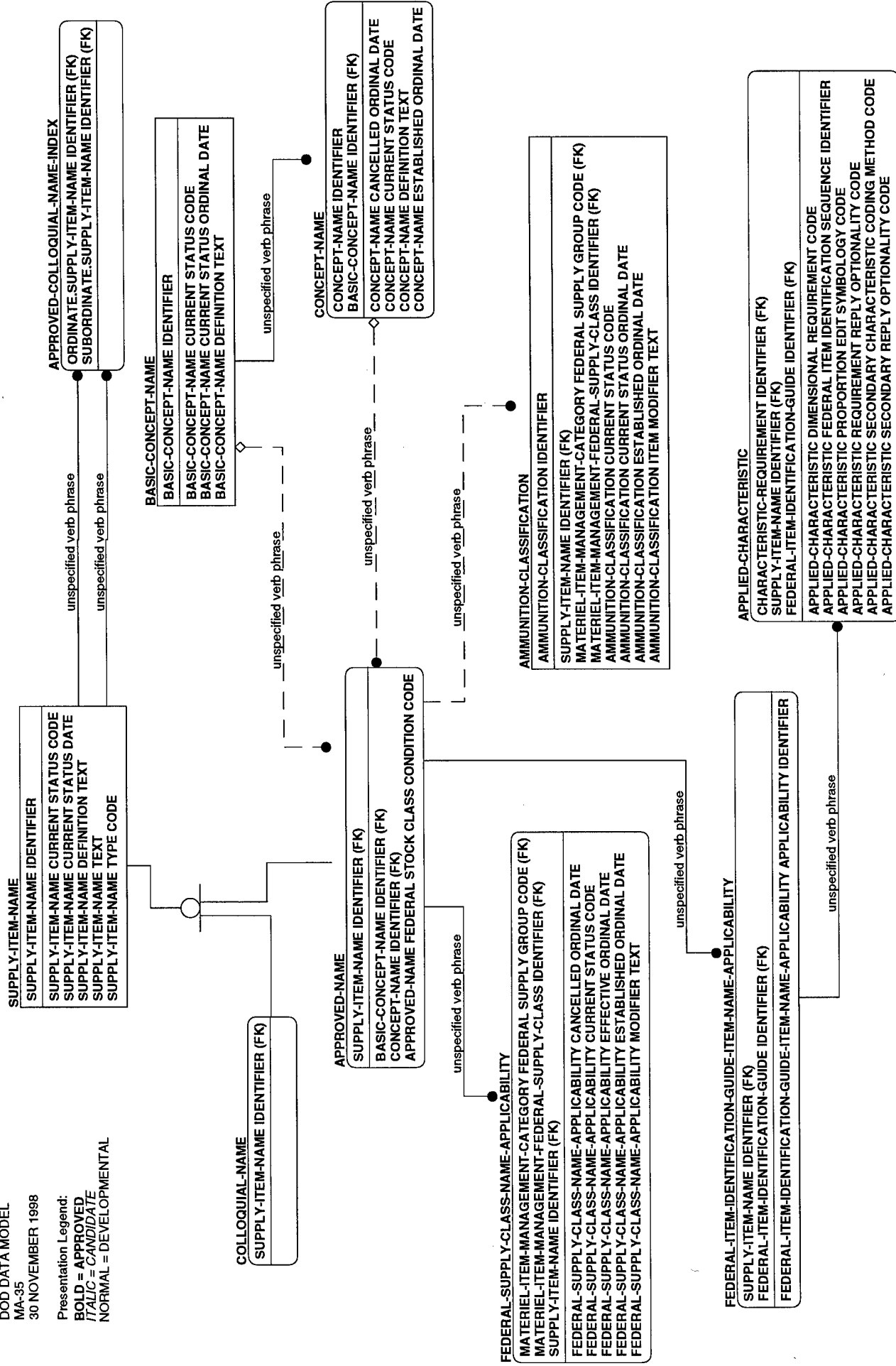
30 NOVEMBER 1998

Presentation Legend:

BOLD = APPROVED

ITALIC = CANDIDATE

NORMAL = DEVELOPMENTAL

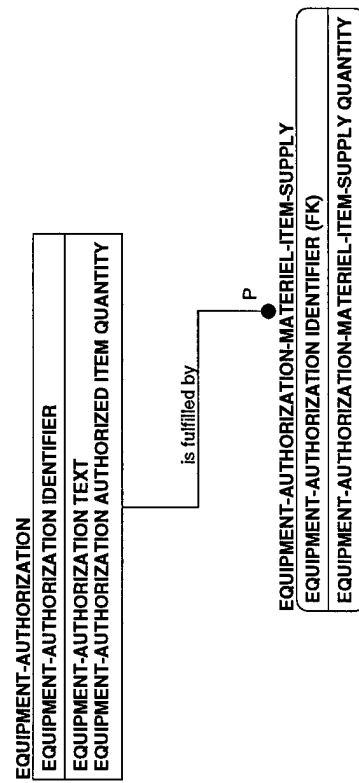


MA-36



DOD DATA MODEL  
MA-36  
30 NOVEMBER 1998

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



MA-37

DOD DATA MODEL

MA-37

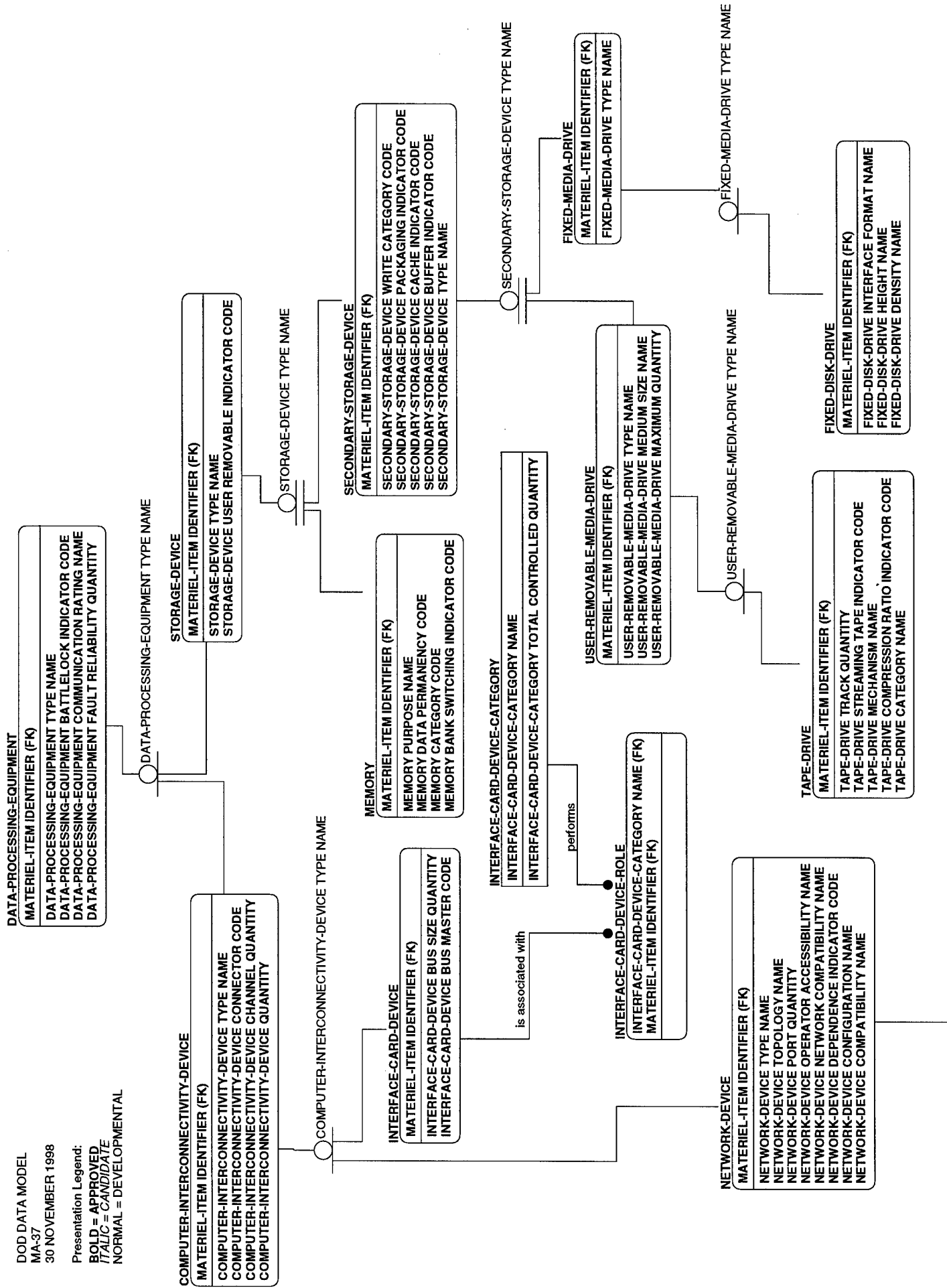
30 NOVEMBER 1998

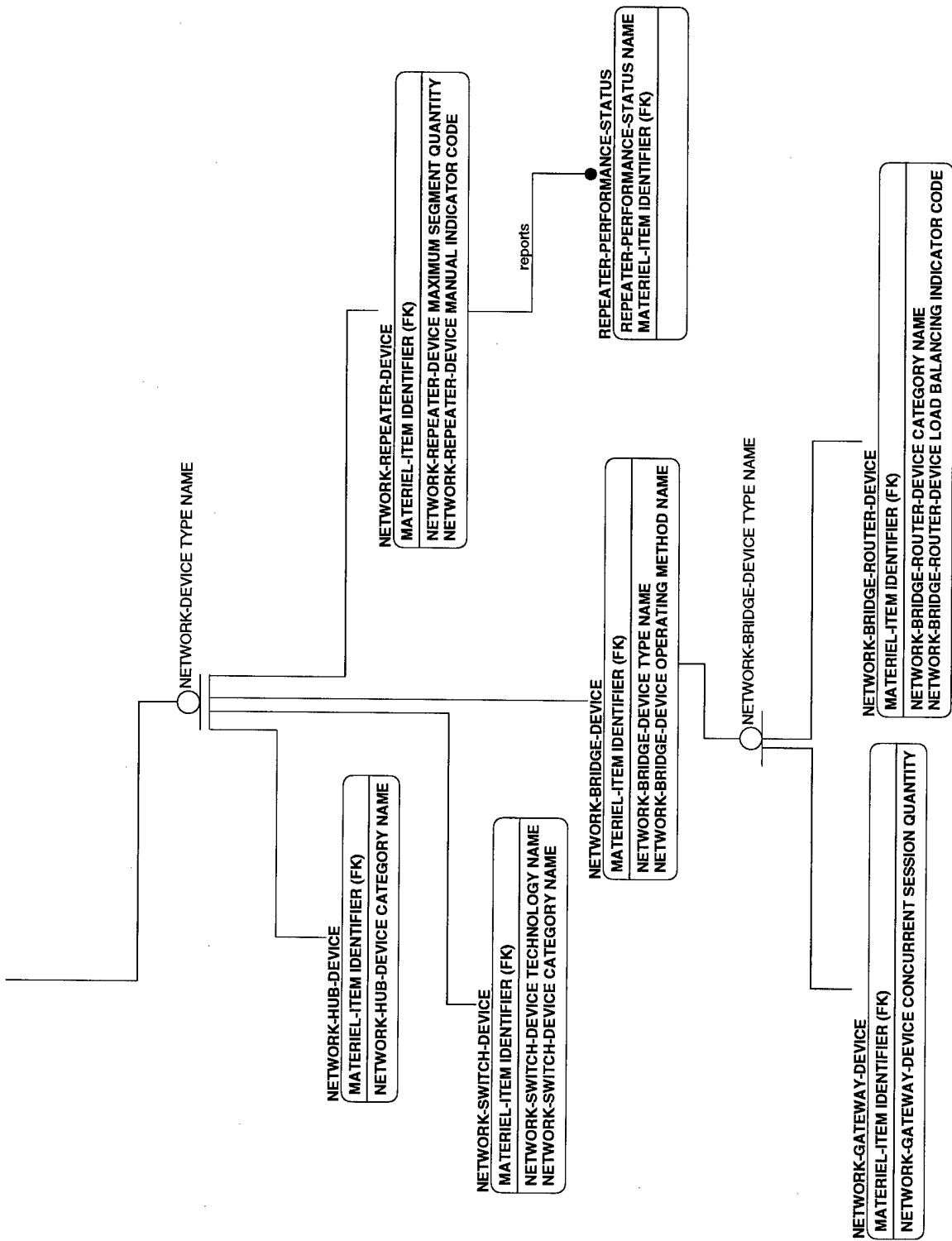
Presentation Legend:

**BOLD** = APPROVED

*ITALIC* = CANDIDATE

NORMAL = DEVELOPMENTAL

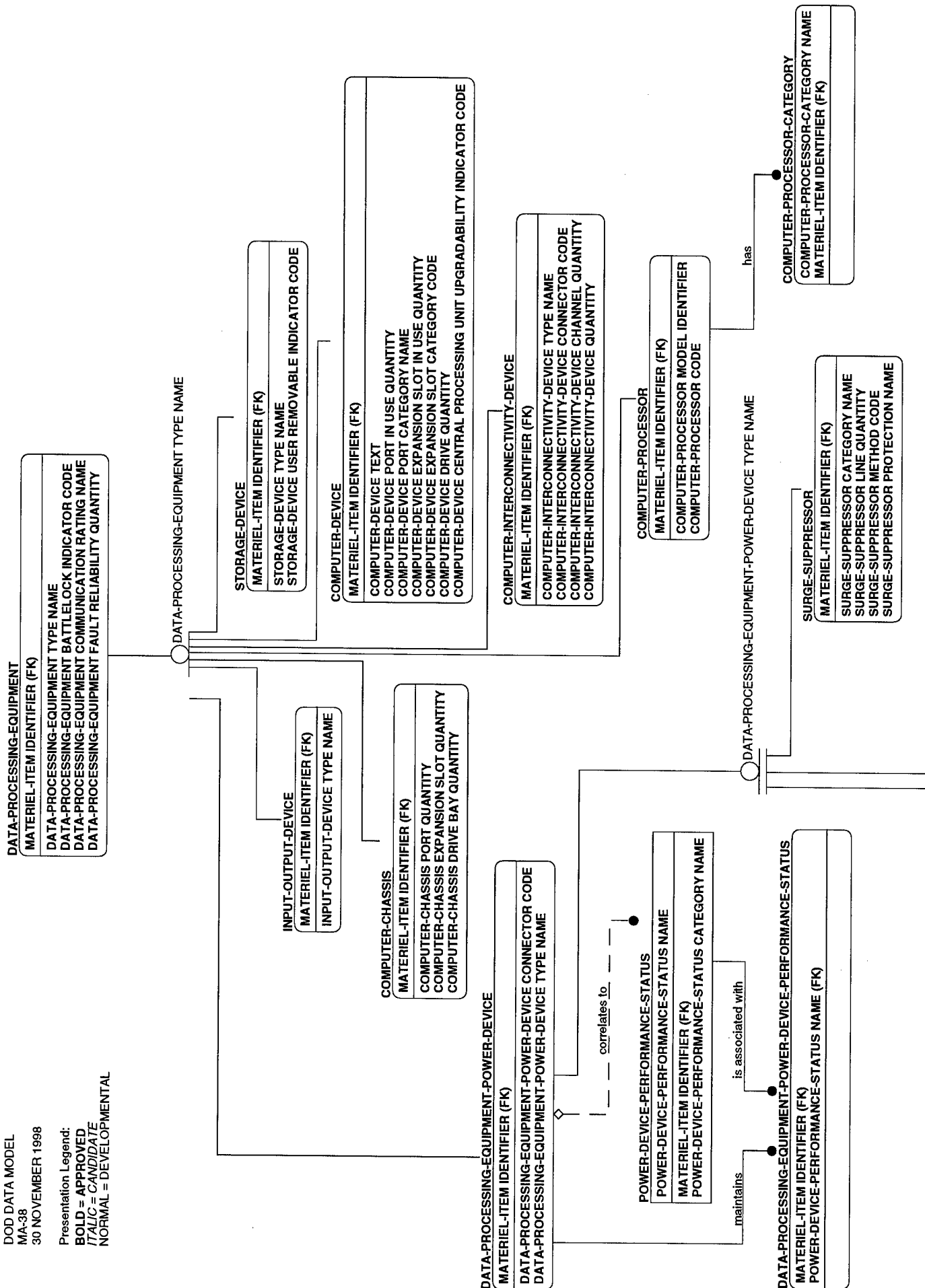


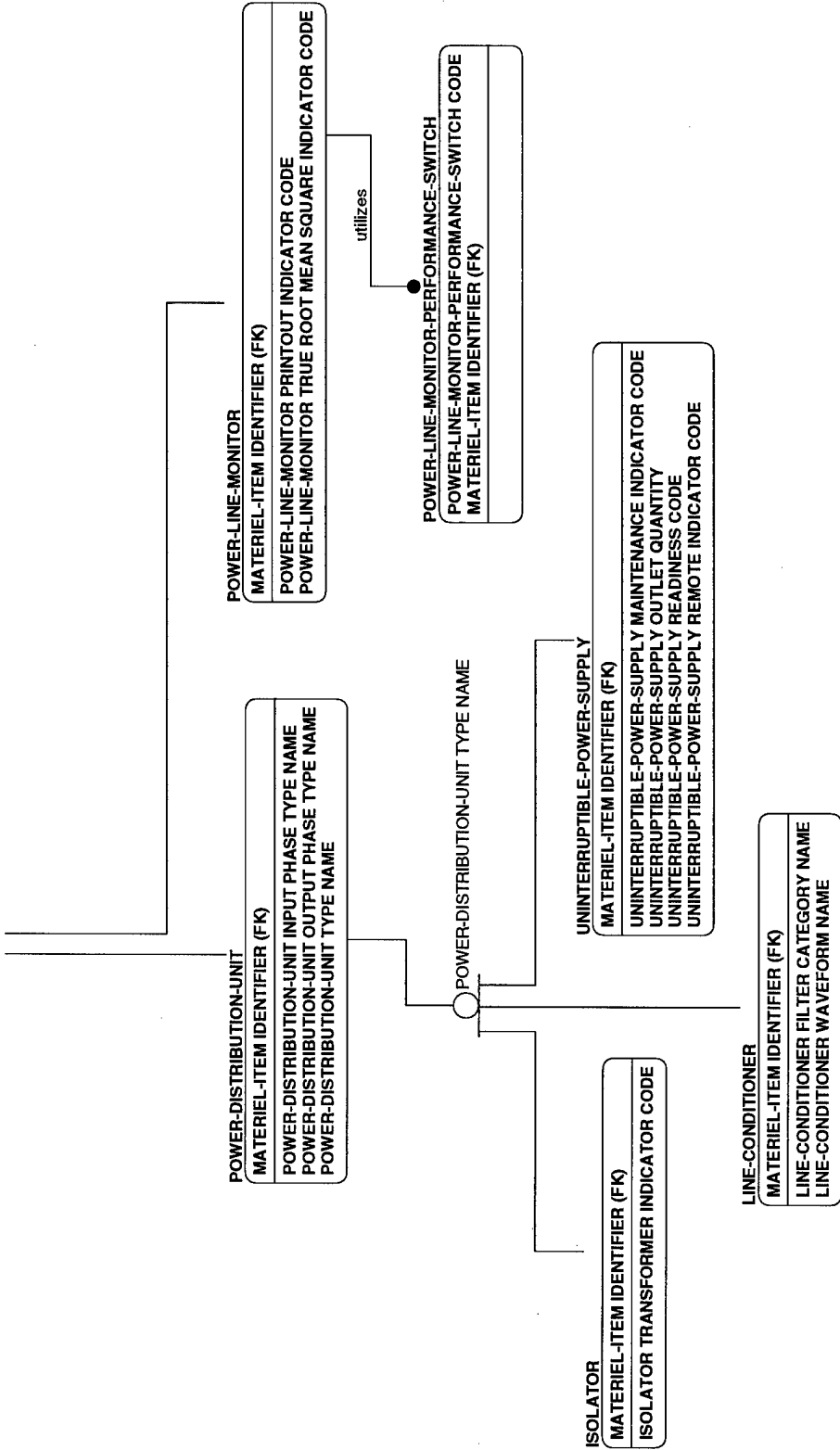


MA-38

DOD DATA MODEL  
MA-38  
30 NOVEMBER 1998

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL





MA-39

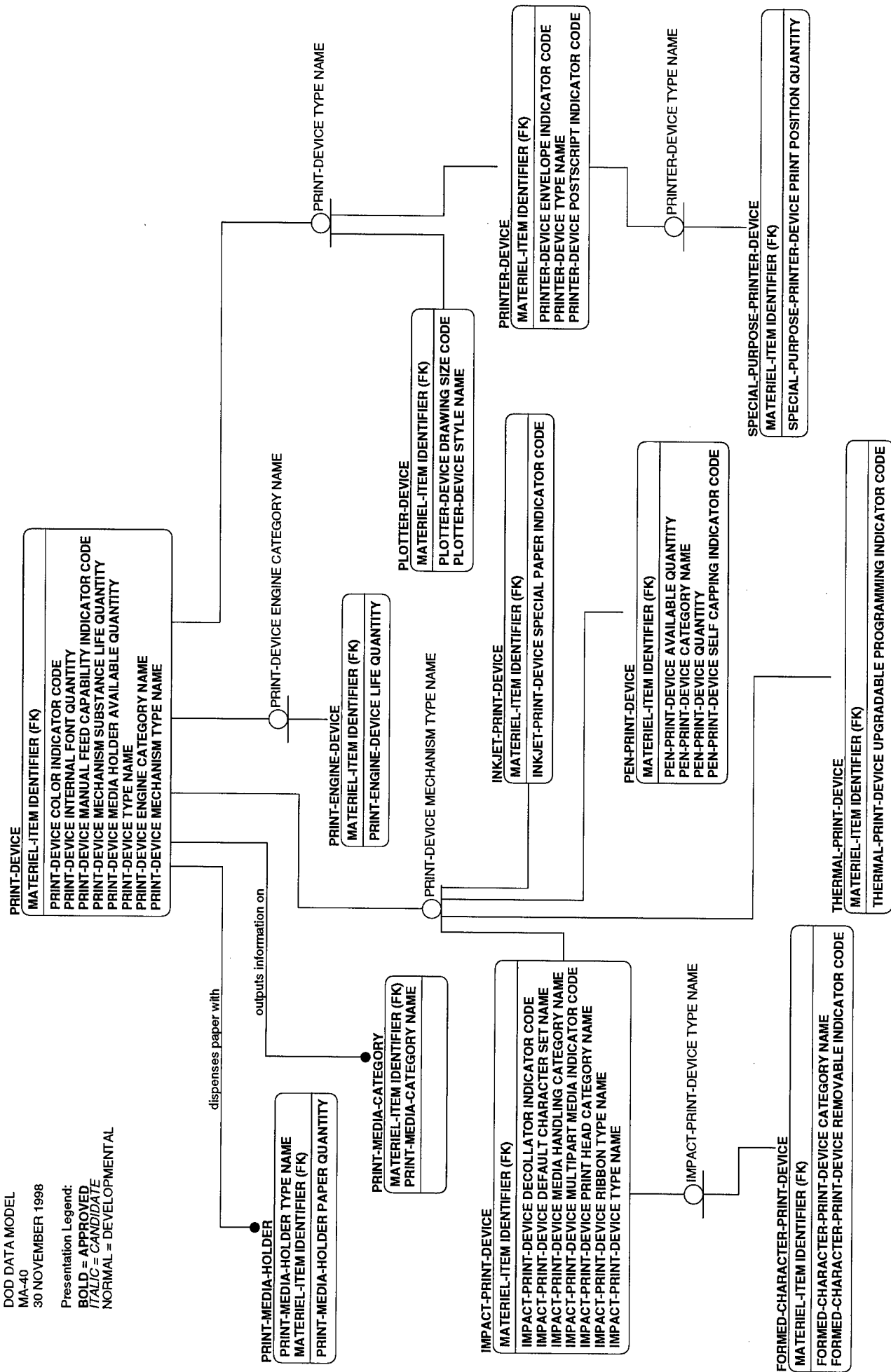






MA-40

**Presentation Legend:**  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
 NORMAL = DEVELOP



MA-41

DOD DATA MODEL  
MA-41  
30 NOVEMBER 1998

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

PLANT-EQUIPMENT

PLANT-EQUIPMENT IDENTIFIER
MATERIEL-OWNERSHIP CODE (FK)
LOGISTICS-PURPOSE CODE (FK)
MATERIEL-PROJECT CODE (FK)
SUPPLY-CONDITION CODE (FK)
MATERIEL-DISTRIBUTION-STATUS CODE (FK)
FACILITY IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-SERIALIZED-ASSET IDENTIFIER (FK)
PLANT-EQUIPMENT TYPE CODE
PLANT-EQUIPMENT INSTALL CALENDAR DATE
PLANT-EQUIPMENT DESCRIPTION TEXT
PLANT-EQUIPMENT ASSET TYPE CODE
PLANT-EQUIPMENT CATEGORY CODE
MATERIEL-SERIALIZED-ASSET IDENTIFICATION TYPE CODE (FK)
PLANT-EQUIPMENT CONSTRUCTION MATERIAL CODE
PLANT-EQUIPMENT DIAMETER DIMENSION
PLANT-EQUIPMENT DRAFT TYPE CODE
PLANT-EQUIPMENT FILLING VAPOR CONTROL SYSTEM CODE
PLANT-EQUIPMENT HEIGHT DIMENSION
PLANT-EQUIPMENT INITIAL OPERATION CALENDAR DATE
PLANT-EQUIPMENT INSIDE DEPTH DIMENSION
ORGANIZATION IDENTIFIER (FK)
PLANT-EQUIPMENT LENGTH DIMENSION
PLANT-EQUIPMENT MANUFACTURE CALENDAR DATE
PLANT-EQUIPMENT MANUFACTURER NAME
PLANT-EQUIPMENT MANUFACTURER SERIAL IDENTIFIER
PLANT-EQUIPMENT OPERATION STATUS CODE
PLANT-EQUIPMENT REMOVAL CALENDAR DATE
PLANT-EQUIPMENT WIDTH DIMENSION

INDUSTRIAL-ENGINE

PLANT-EQUIPMENT IDENTIFIER (FK)
FACILITY IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-DISTRIBUTION-STATUS CODE (FK)
LOGISTICS-PURPOSE CODE (FK)
MATERIEL-PROJECT CODE (FK)
SUPPLY-CONDITION CODE (FK)
MATERIEL-OWNERSHIP CODE (FK)
INDUSTRIAL-ENGINE TYPE CODE
INDUSTRIAL-ENGINE HORSEPOWER QUANTITY

INDUSTRIAL-GENERATOR

PLANT-EQUIPMENT IDENTIFIER (FK)
FACILITY IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-DISTRIBUTION-STATUS CODE (FK)
LOGISTICS-PURPOSE CODE (FK)
MATERIEL-PROJECT CODE (FK)
SUPPLY-CONDITION CODE (FK)
MATERIEL-OWNERSHIP CODE (FK)
INDUSTRIAL-GENERATOR ENGINE TYPE CODE

PLANT-EQUIPMENT CATEGORY CODE

DRY-CLEANING-EQUIPMENT

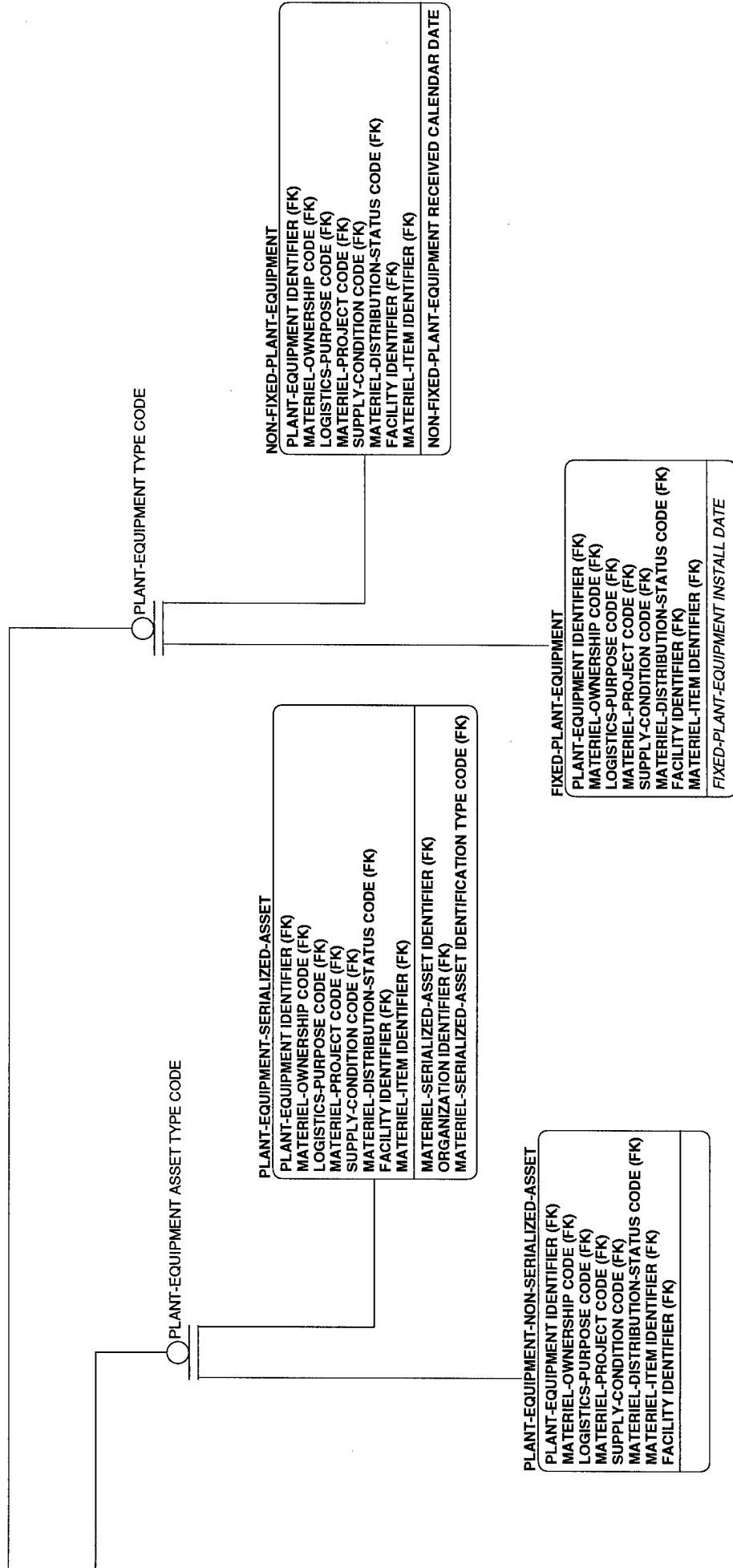
PLANT-EQUIPMENT IDENTIFIER (FK)
FACILITY IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-DISTRIBUTION-STATUS CODE (FK)
LOGISTICS-PURPOSE CODE (FK)
MATERIEL-PROJECT CODE (FK)
SUPPLY-CONDITION CODE (FK)
MATERIEL-OWNERSHIP CODE (FK)
DRY-CLEANING-EQUIPMENT TYPE CODE
DRY-CLEANING-EQUIPMENT OPERATION CODE

INDUSTRIAL-OVEN

PLANT-EQUIPMENT IDENTIFIER (FK)
FACILITY IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-DISTRIBUTION-STATUS CODE (FK)
LOGISTICS-PURPOSE CODE (FK)
MATERIEL-PROJECT CODE (FK)
SUPPLY-CONDITION CODE (FK)
MATERIEL-OWNERSHIP CODE (FK)
INDUSTRIAL-OVEN TYPE CODE
INDUSTRIAL-OVEN MINIMUM OPERATION TEMPERATURE
INDUSTRIAL-OVEN MAXIMUM OPERATION TEMPERATURE

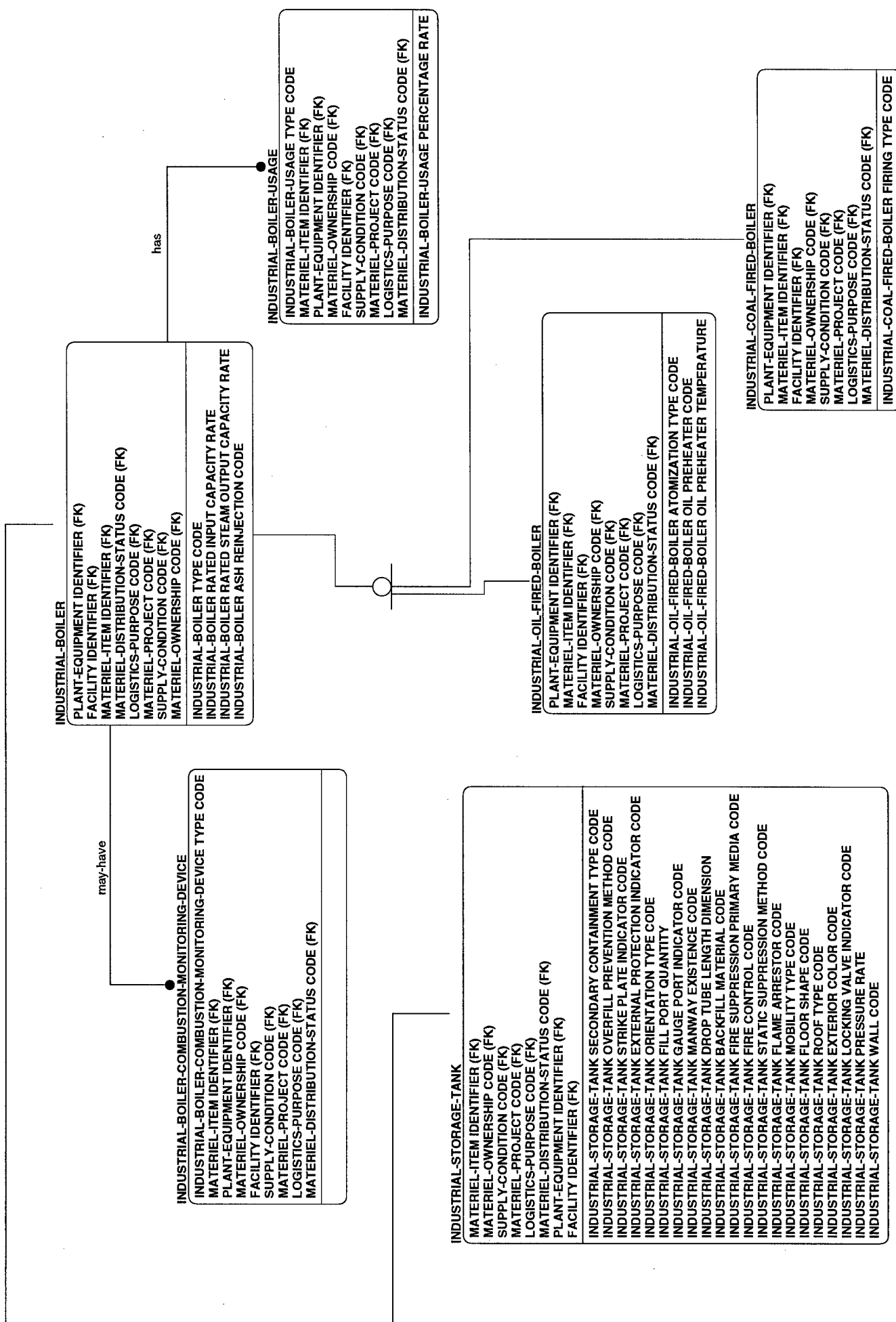
FUEL-LOADING-RACK

PLANT-EQUIPMENT IDENTIFIER (FK)
FACILITY IDENTIFIER (FK)
MATERIEL-ITEM IDENTIFIER (FK)
MATERIEL-DISTRIBUTION-STATUS CODE (FK)
LOGISTICS-PURPOSE CODE (FK)
MATERIEL-PROJECT CODE (FK)
SUPPLY-CONDITION CODE (FK)
MATERIEL-OWNERSHIP CODE (FK)
FUEL-LOADING-RACK LOADING METHOD CODE
FUEL-LOADING-RACK LOADING ARM QUANTITY
FUEL-LOADING-RACK VEHICLE LOADED TYPE CODE

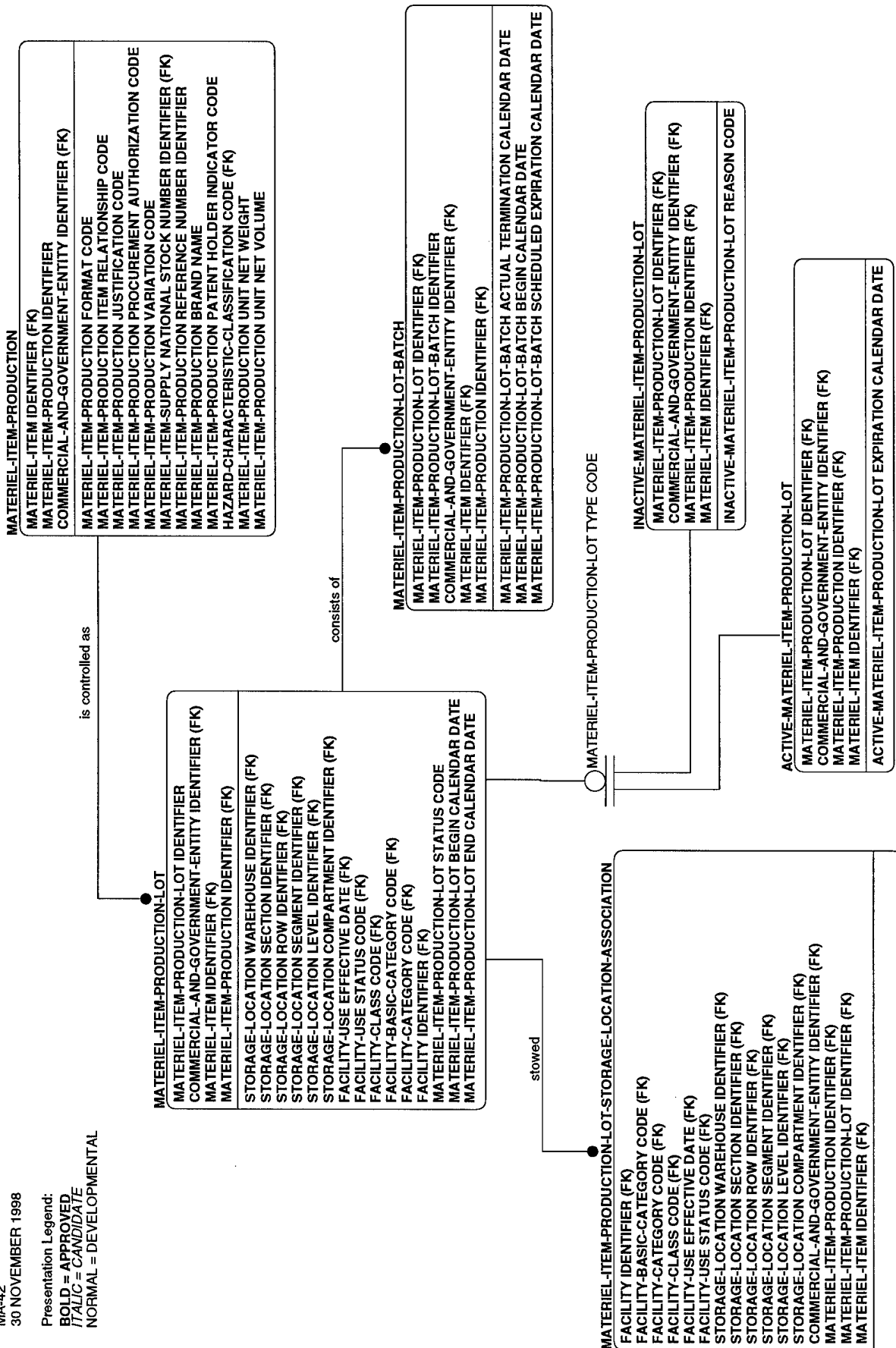






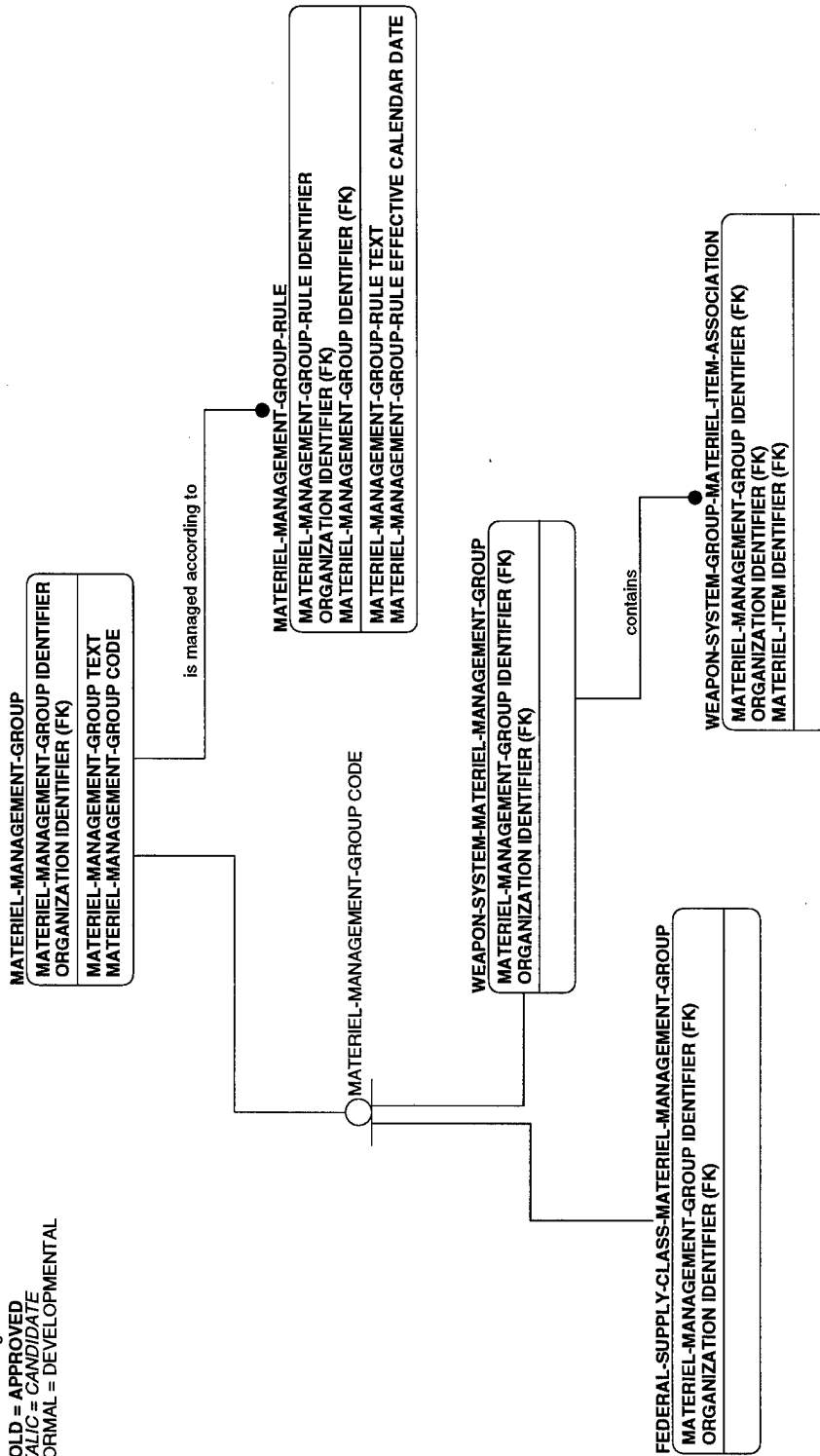


MA-42



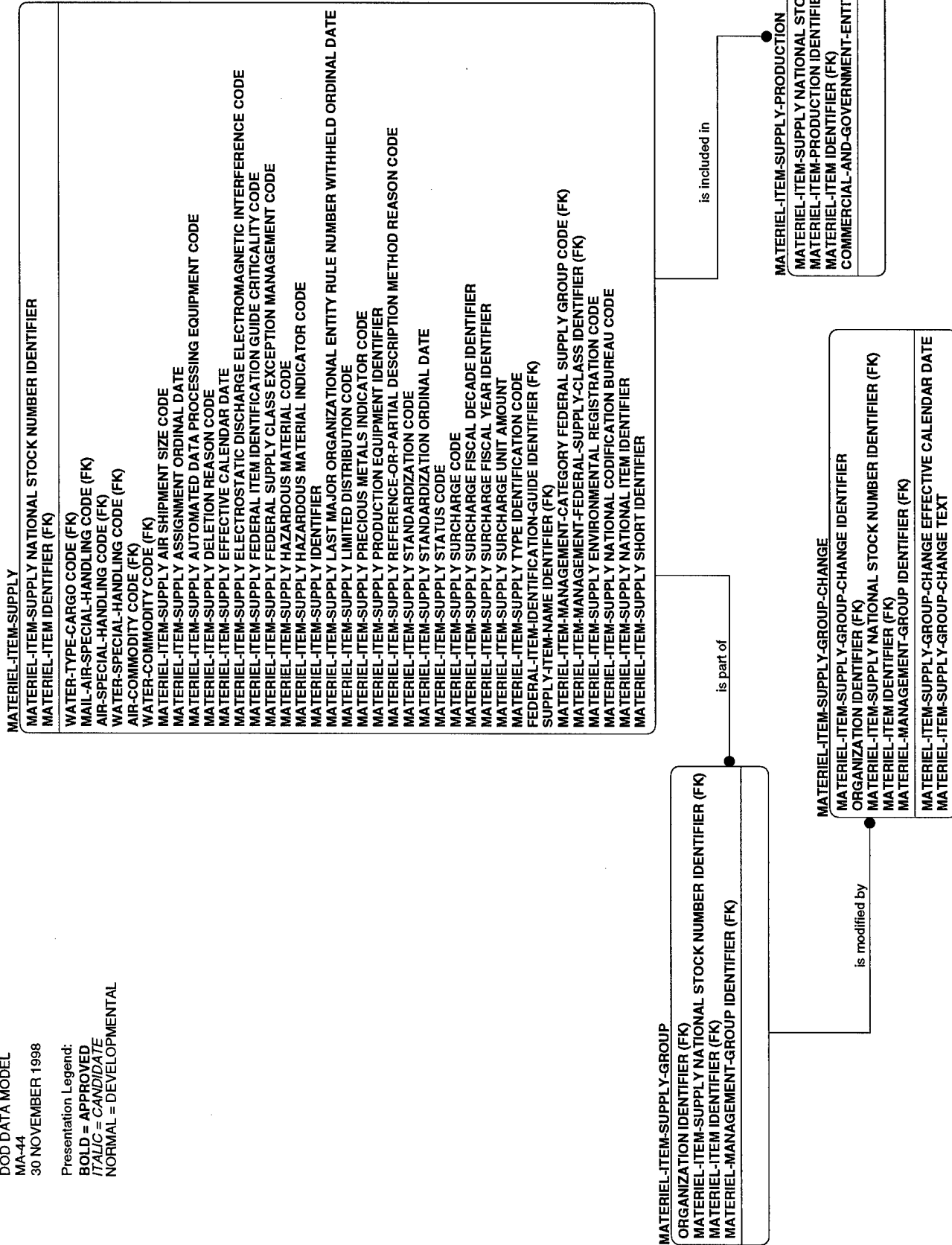
MA-43

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



MA-44

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



## Section 3.16

# Organization



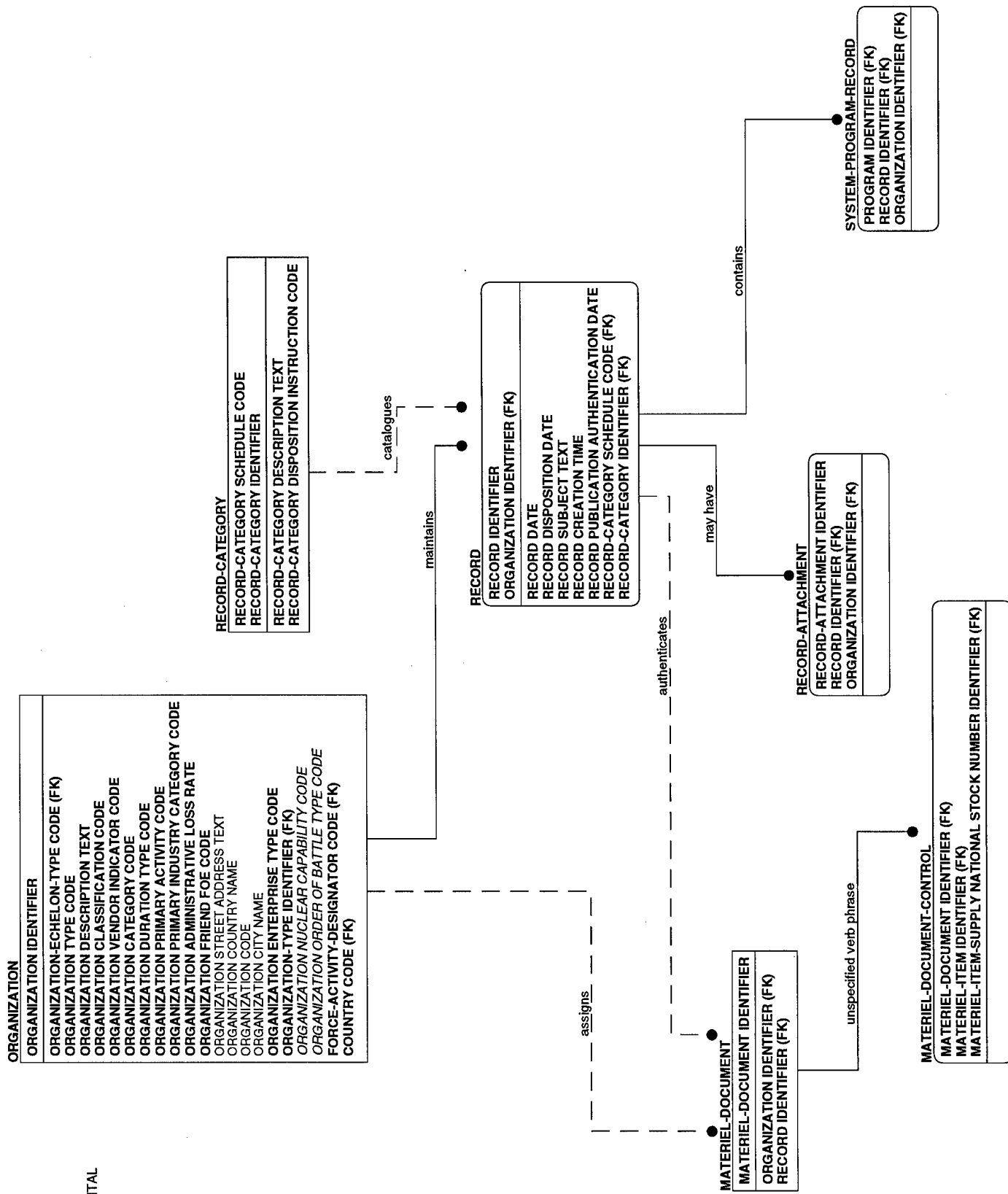
## Section 3.16    Organization Subject Area

**Purpose:**        The ORGANIZATION Subject Area View includes the data necessary to describe all ORGANIZATIONs important to the accomplishment of the DoD mission.

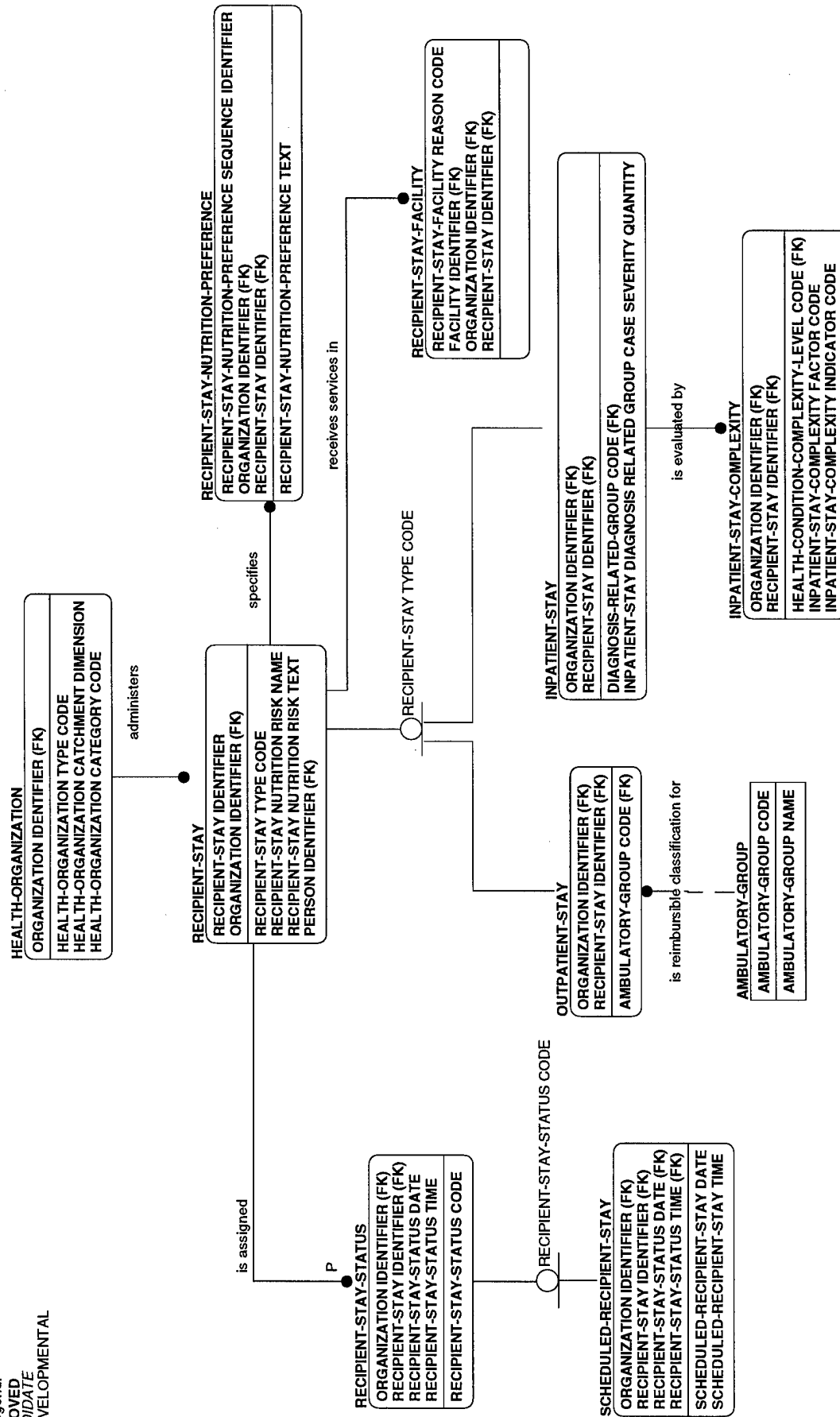
**Note:**         The following subsections contain the View data maps which comprise this Subject Area. Every data requirement within this Subject Area will be represented in at least one of the Views. The View data maps are in numeric order.

OR-01

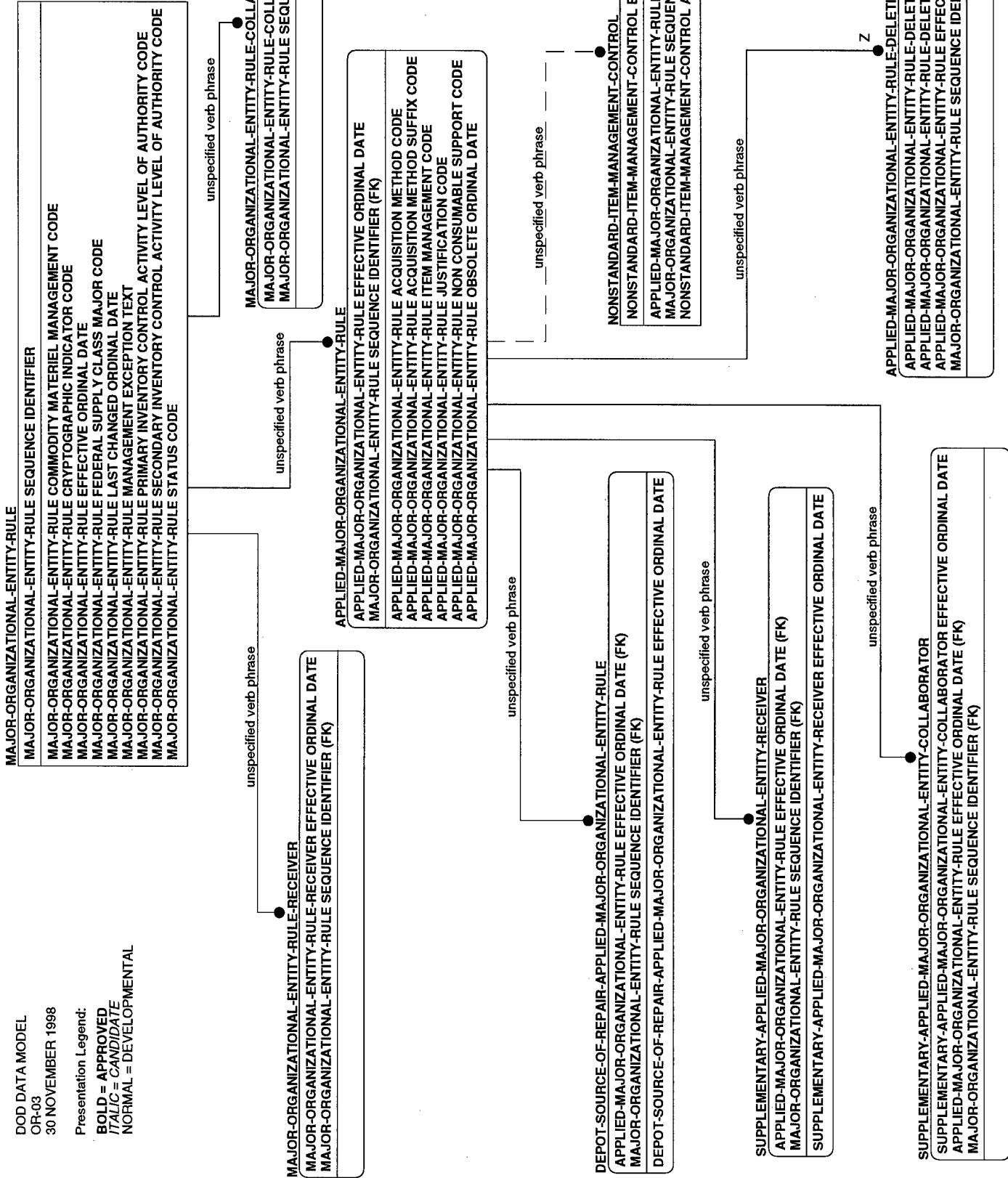
Presentation Legend:  
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*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



OR-02



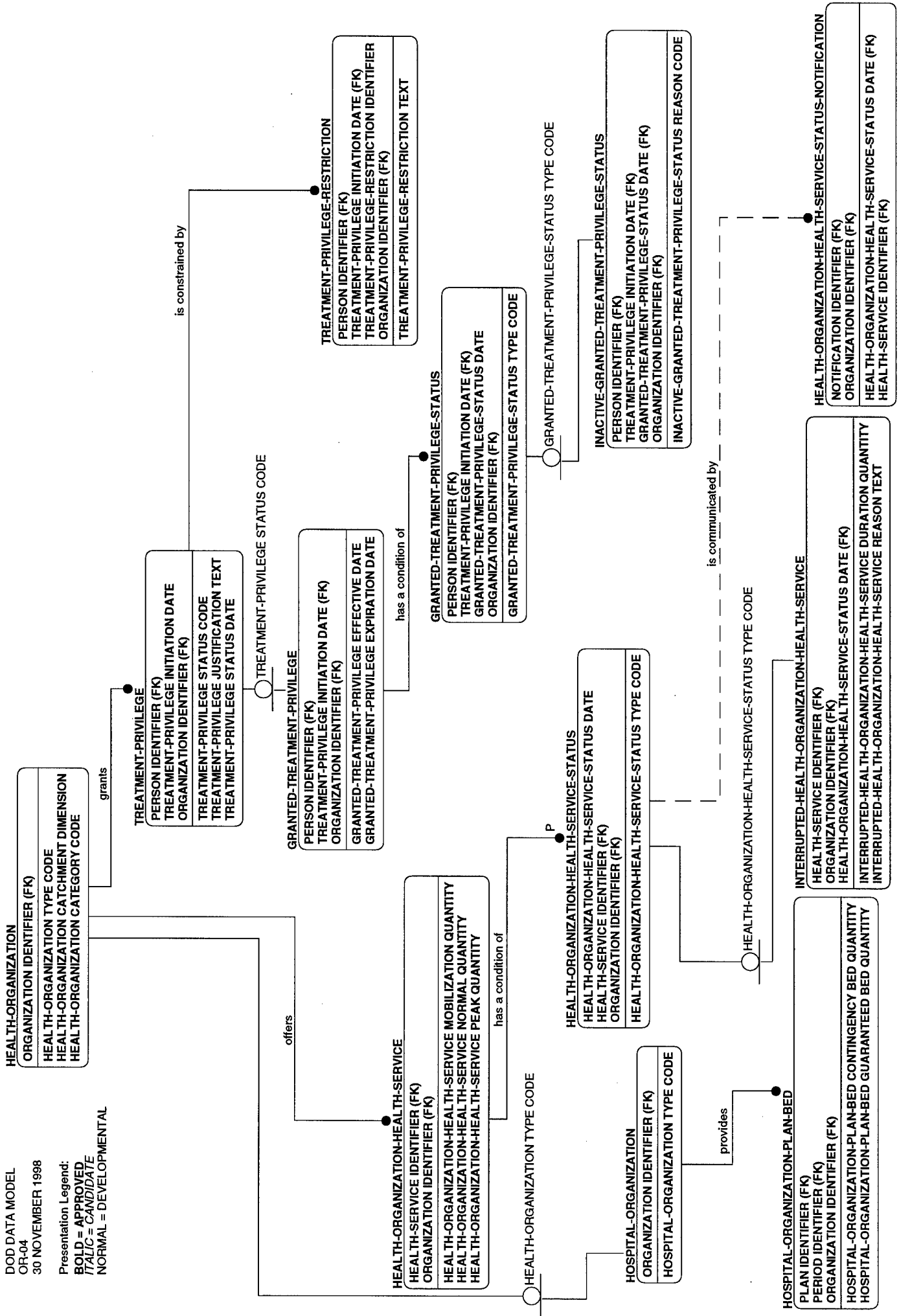
OR-03



OR-04

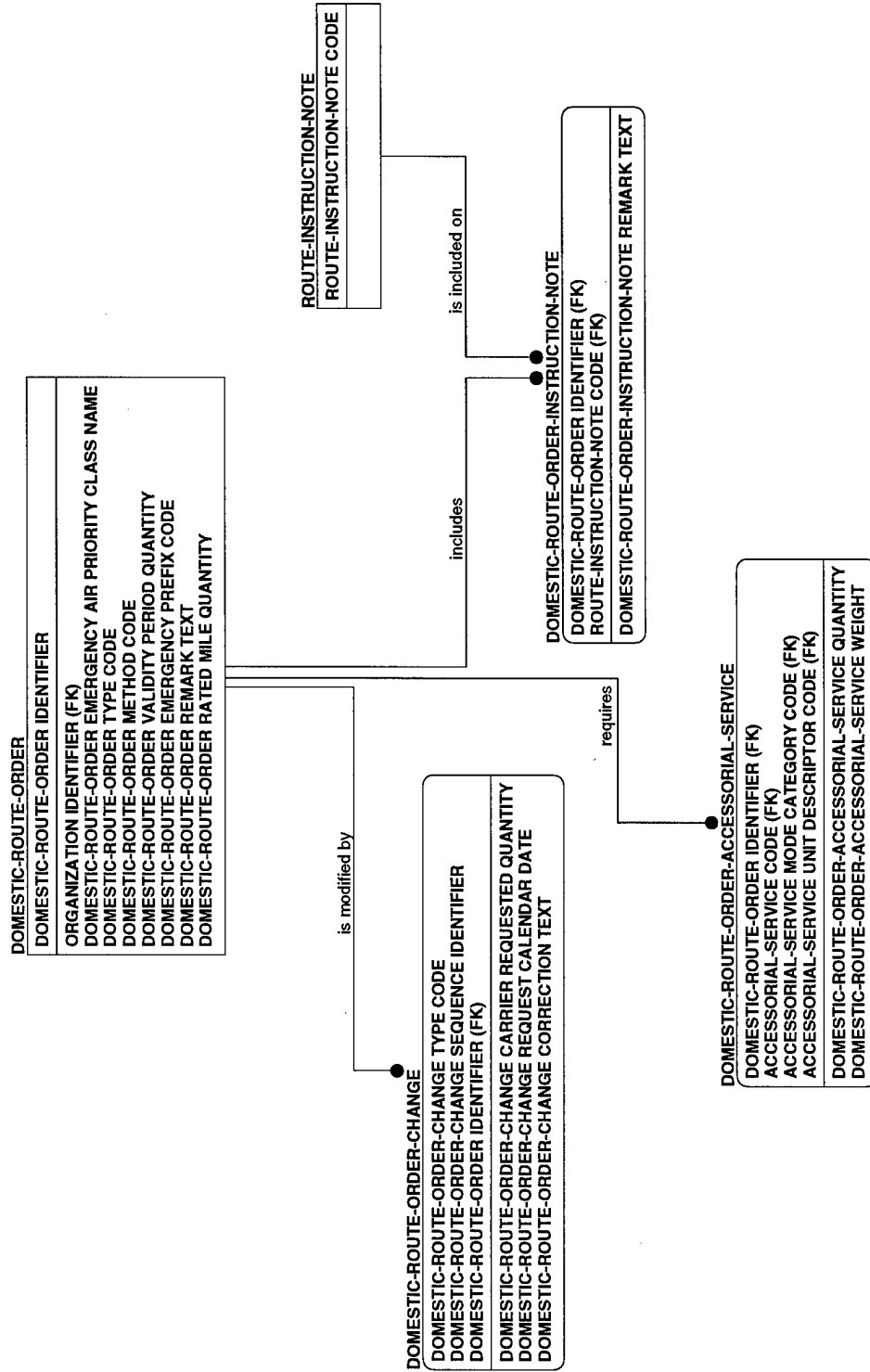


**Presentation Legend:**  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
 NORMAL = DEVELOP



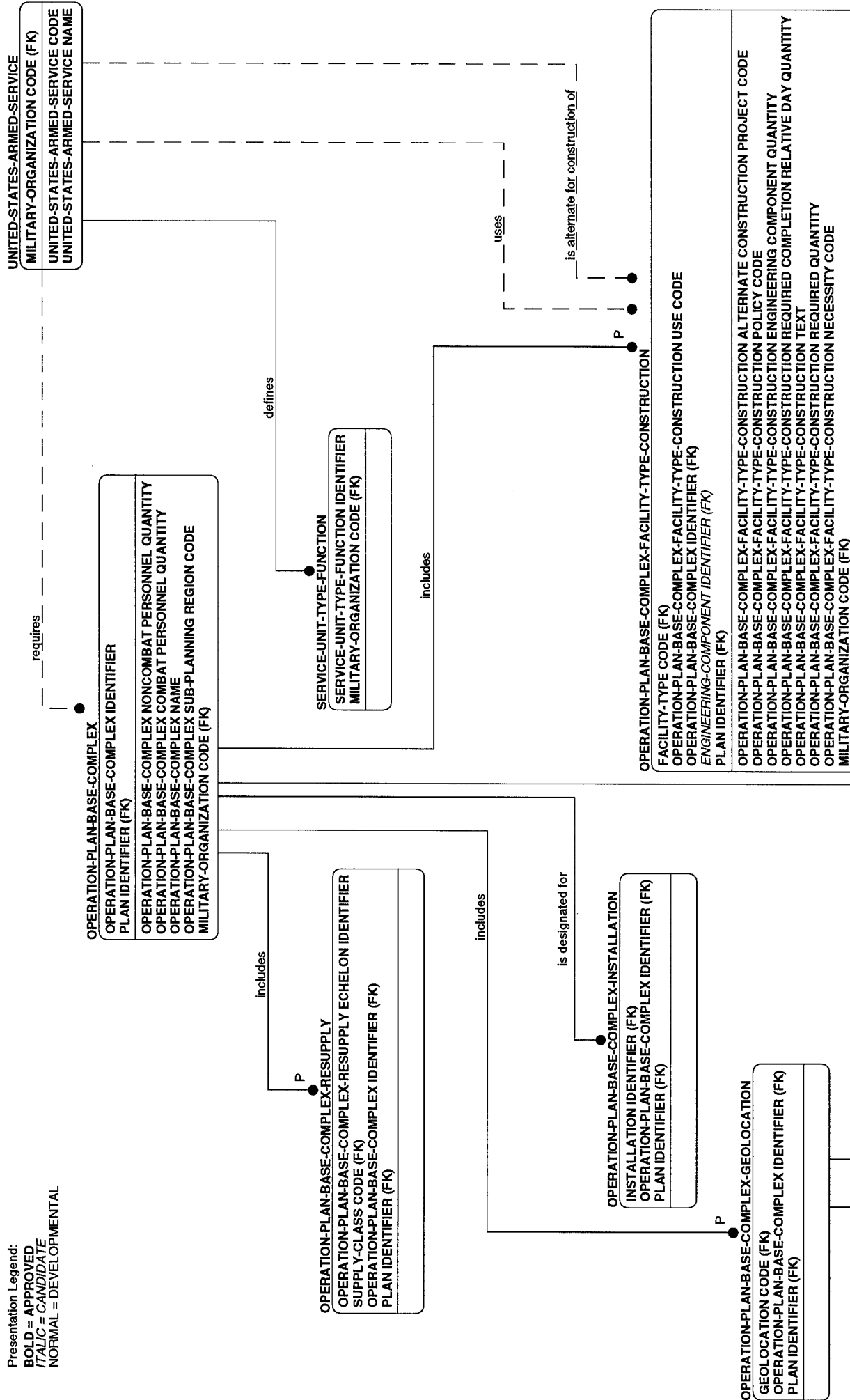
OR-05

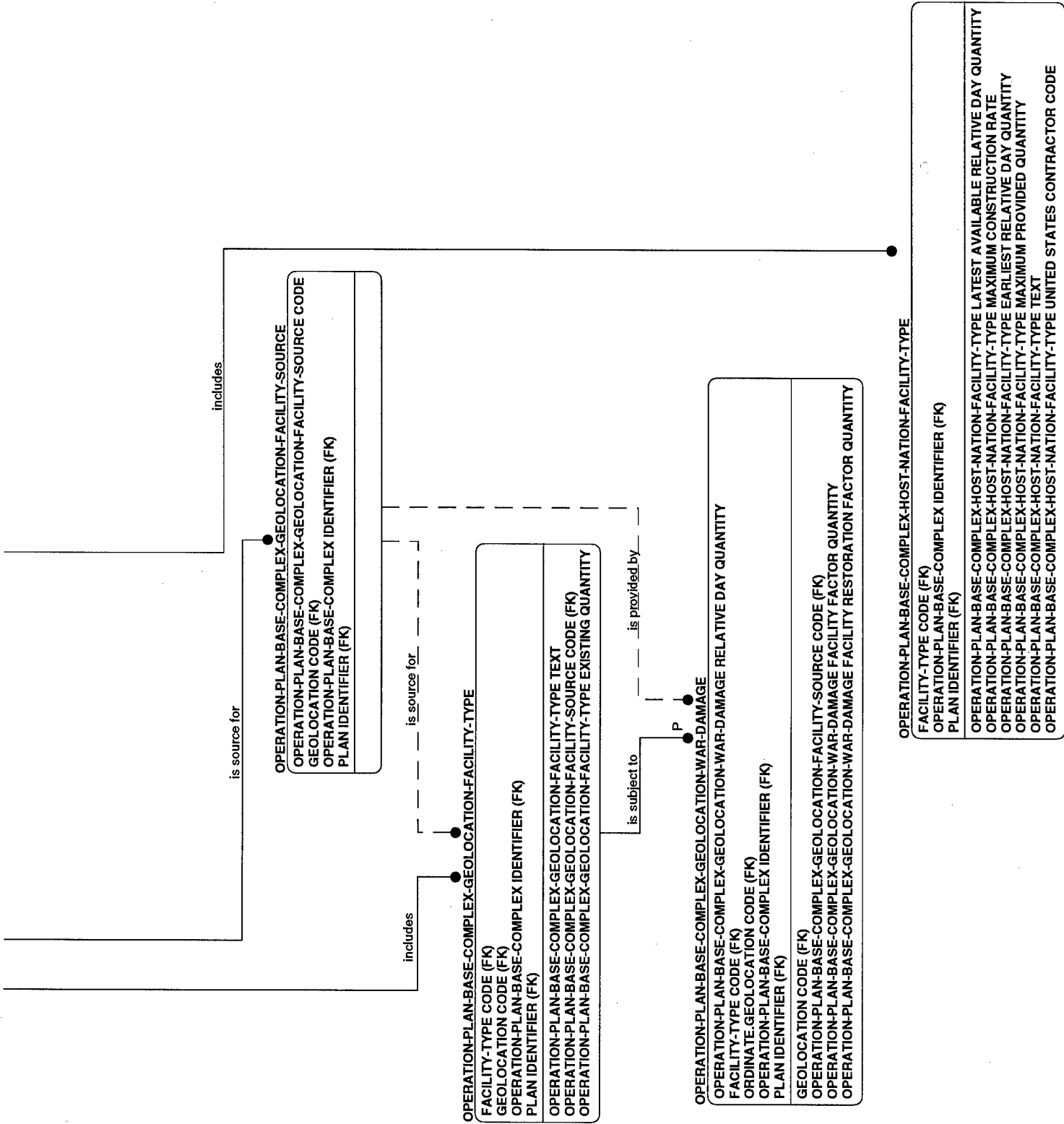
Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



OR-06

Presentation Legend:  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
NORMAL = DEVELOPMENTAL





OR-07

DOD DATA MODEL  
OR-07  
30 NOVEMBER 1998

Presentation Legend:  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
NORMAL = DEVELOPMENTAL

UNITED-STATES-ARMED-SERVICE

MILITARY-ORGANIZATION CODE (FK)
UNITED-STATES-ARMED-SERVICE CODE
UNITED-STATES-ARMED-SERVICE NAME

has  
requirements  
for

uses

manages supply for

GEOLOCATION-PORT-OF-SUPPORT

ORDINATE.GEOLOCATION CODE (FK)
SUPPLY-CLASS CODE (FK)
MILITARY-ORGANIZATION CODE (FK)
SUBORDINATE.GEOLOCATION CODE (FK)

identifies

OPERATIONS-PLAN-MILITARY-ORGANIZATION-SUPPLY-CLASS

MILITARY-ORGANIZATION CODE (FK)
SUPPLY-CLASS CODE (FK)
PLAN IDENTIFIER (FK)
OPERATIONS-PLAN-MILITARY-ORGANIZATION-SUPPLY-CLASS MULTIPLIER FACTOR QUANTITY
OPERATIONS-PLAN-MILITARY-ORGANIZATION-SUPPLY-CLASS AVAILABLE STOCKAGE QUANTITY
OPERATIONS-PLAN-MILITARY-ORGANIZATION-SUPPLY-CLASS UNAVAILABLE STOCKAGE QUANTITY
OPERATIONS-PLAN-MILITARY-ORGANIZATION-SUPPLY-CLASS AIR RESUPPLY PERCENTAGE RATE
OPERATIONS-PLAN-MILITARY-ORGANIZATION-SUPPLY-CLASS CONTAINERIZEABLE PERCENTAGE RATE

MILITARY-ORGANIZATION-SUPPLY-CLASS

SUPPLY-CLASS CODE (FK)
MILITARY-ORGANIZATION CODE (FK)
MILITARY-ORGANIZATION-SUPPLY-CLASS CAPABILITY STOCKAGE QUANTITY

is consumed by

MILITARY-ORGANIZATION-SUPPLY-CLASS-COMBAT-INTENSITY

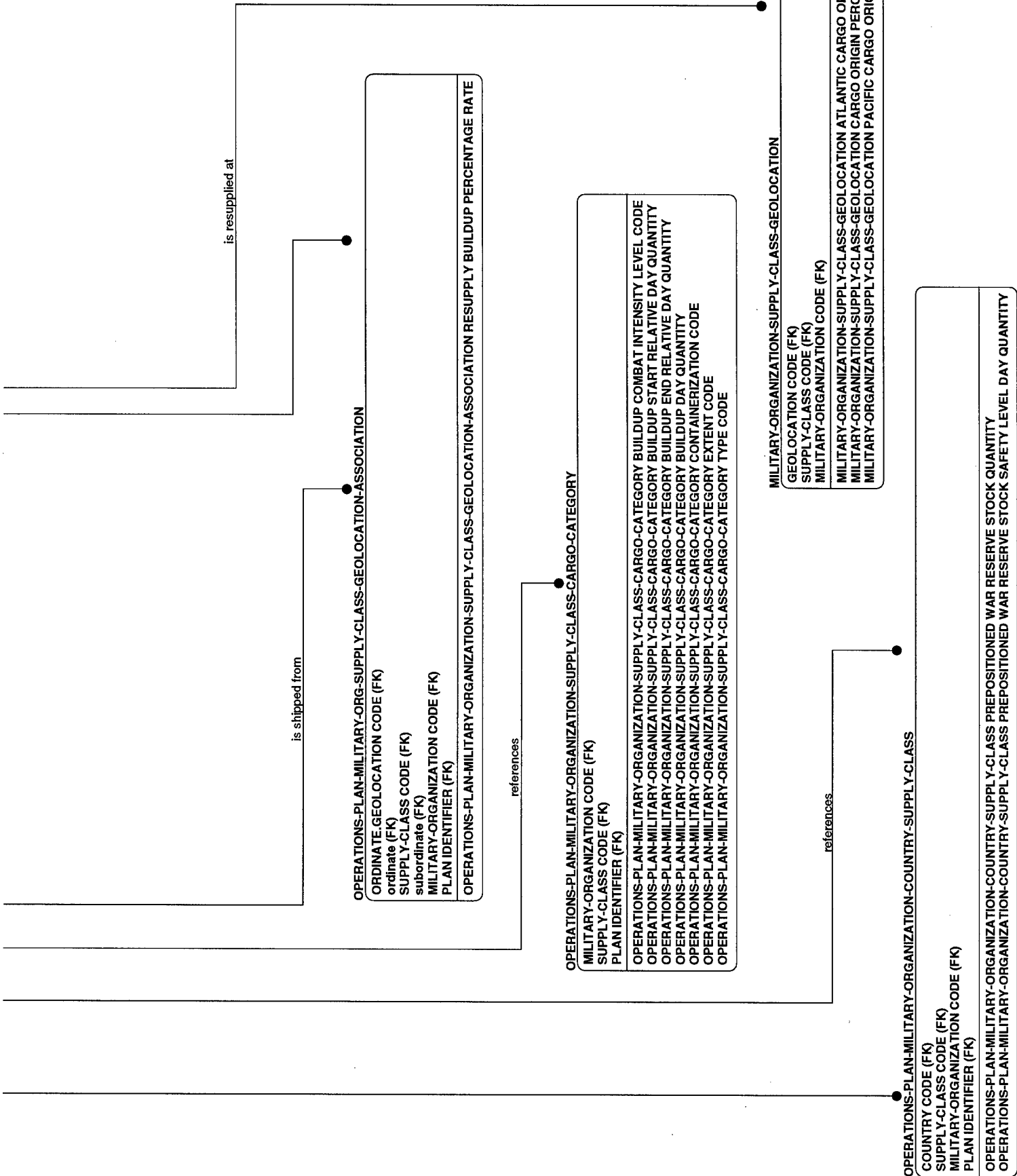
MILITARY-ORGANIZATION-SUPPLY-CLASS-COMBAT-INTENSITY LEVEL CODE
SUPPLY-CLASS CODE (FK)
MILITARY-ORGANIZATION CODE (FK)
MILITARY-ORGANIZATION-SUPPLY-CLASS-COMBAT-INTENSITY CONSUMPTION RATE

is location of

MILITARY-ORGANIZATION-SUPPLY-CLASS-THEATER

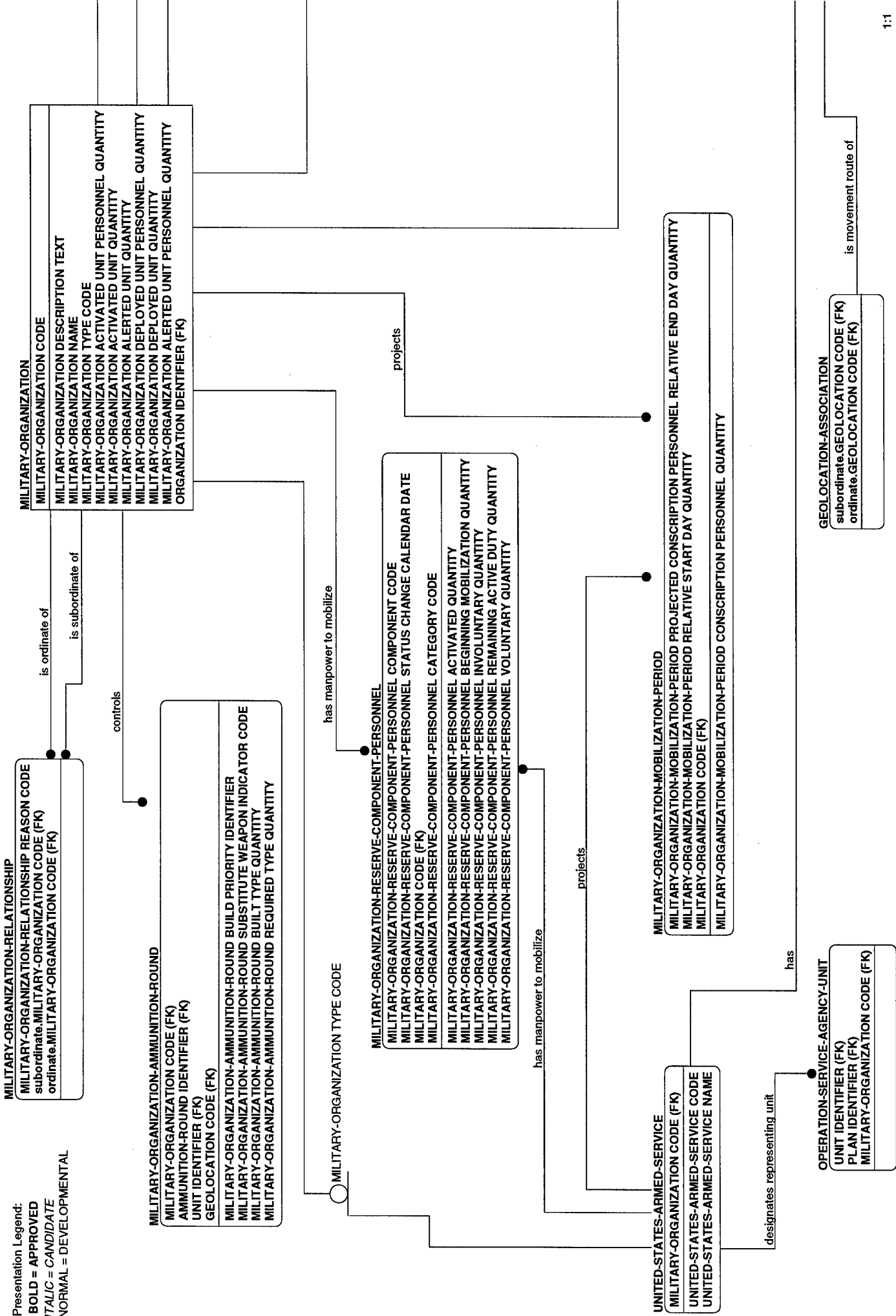
MILITARY-ORGANIZATION CODE (FK)
SUPPLY-CLASS CODE (FK)
MILITARY-ORGANIZATION-SUPPLY-CLASS-THEATER CONSUMPTION MULTIPLIER RATE

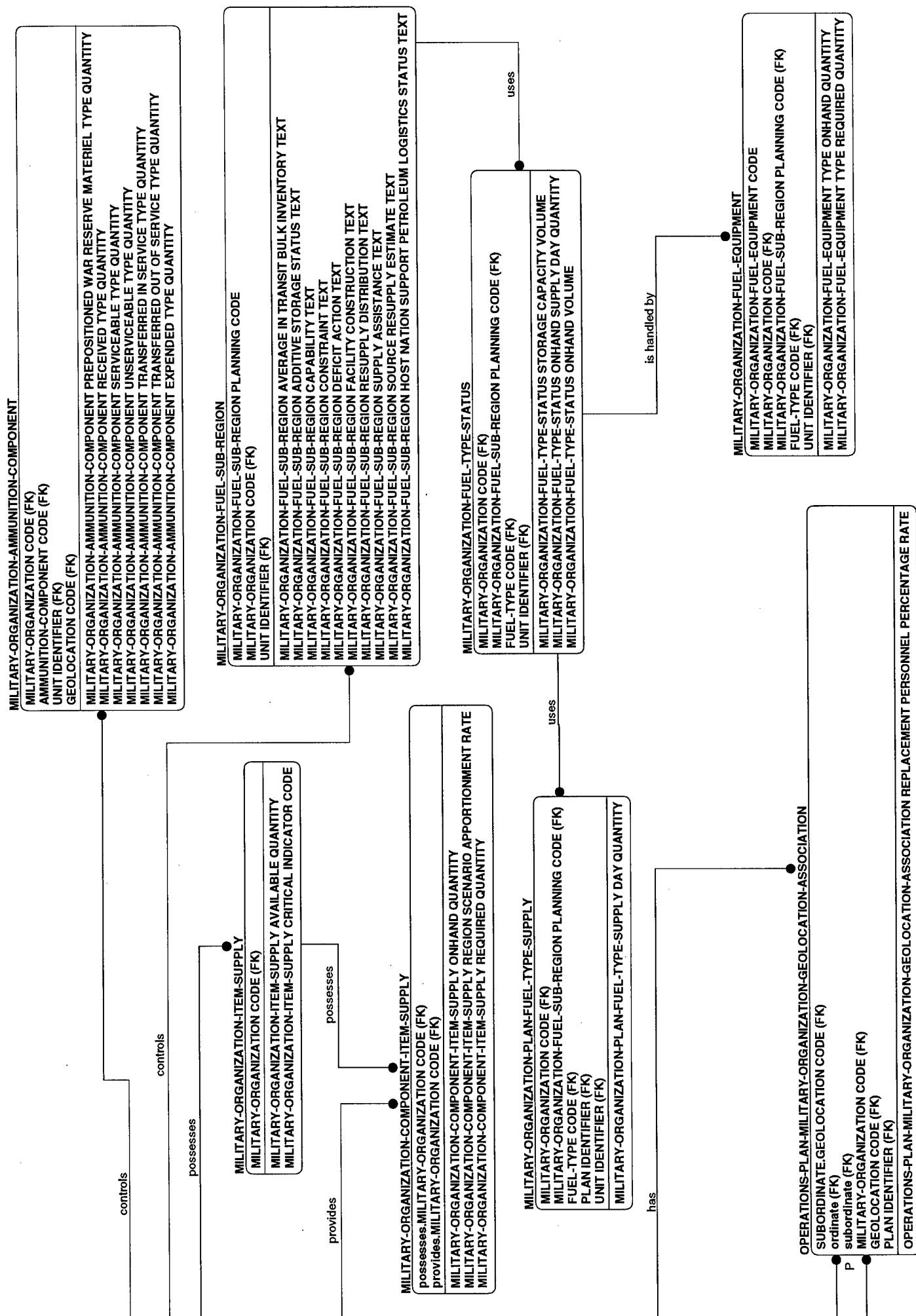




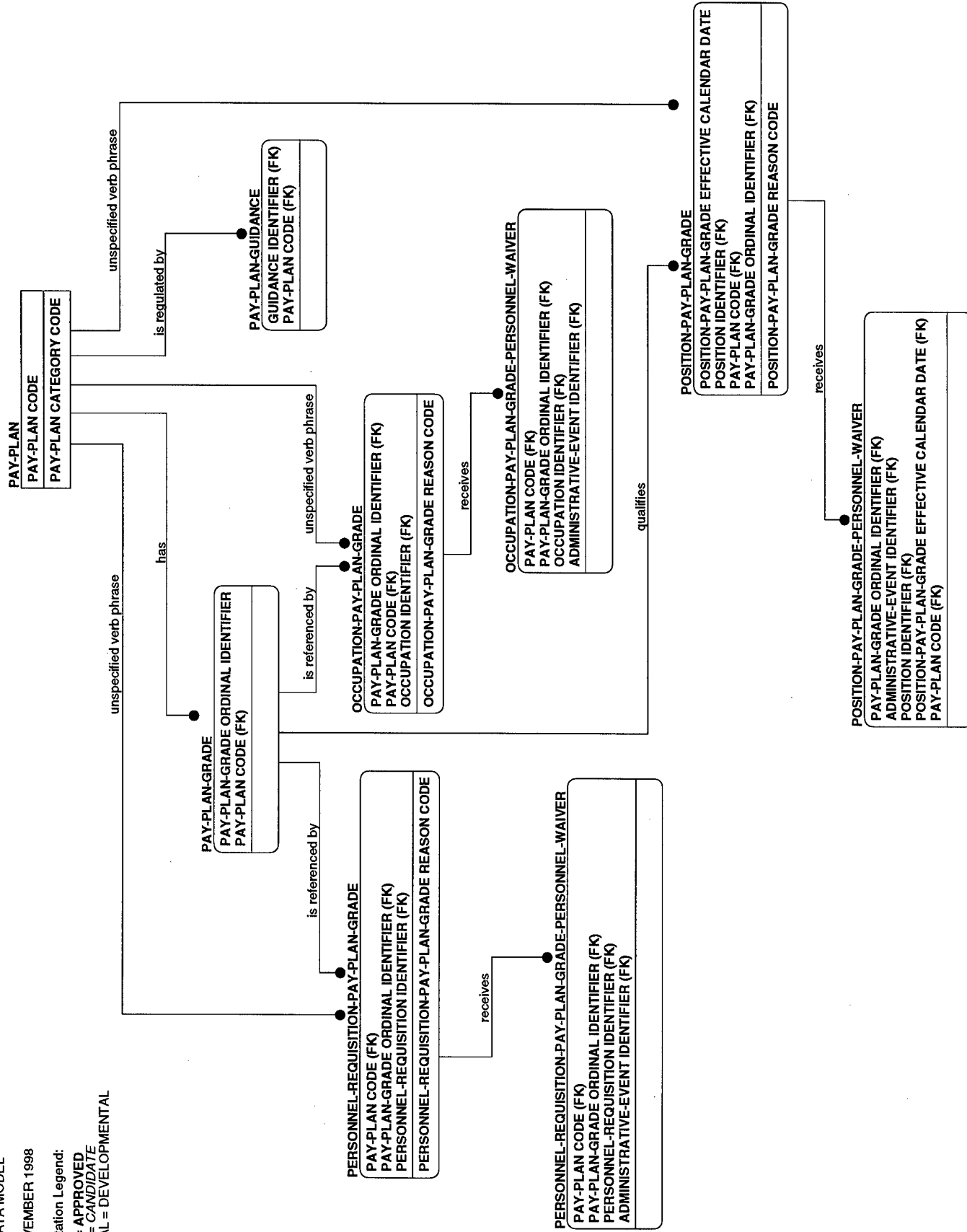
OR-08

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL





OR-09



OR-10

DOD DATA MODEL

OR-10

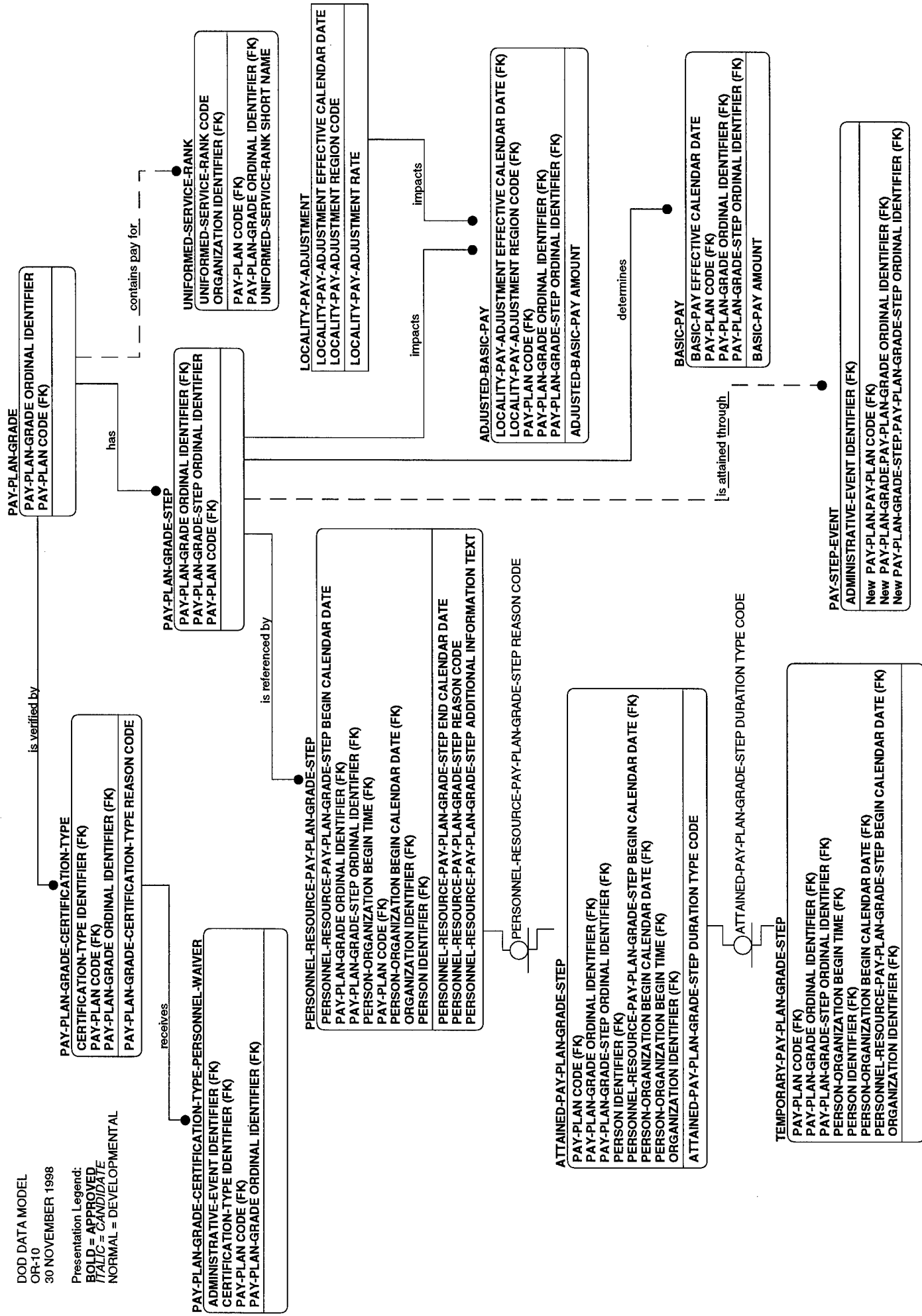
30 NOVEMBER 1998

Presentation Legend:

BOLD = APPROVED

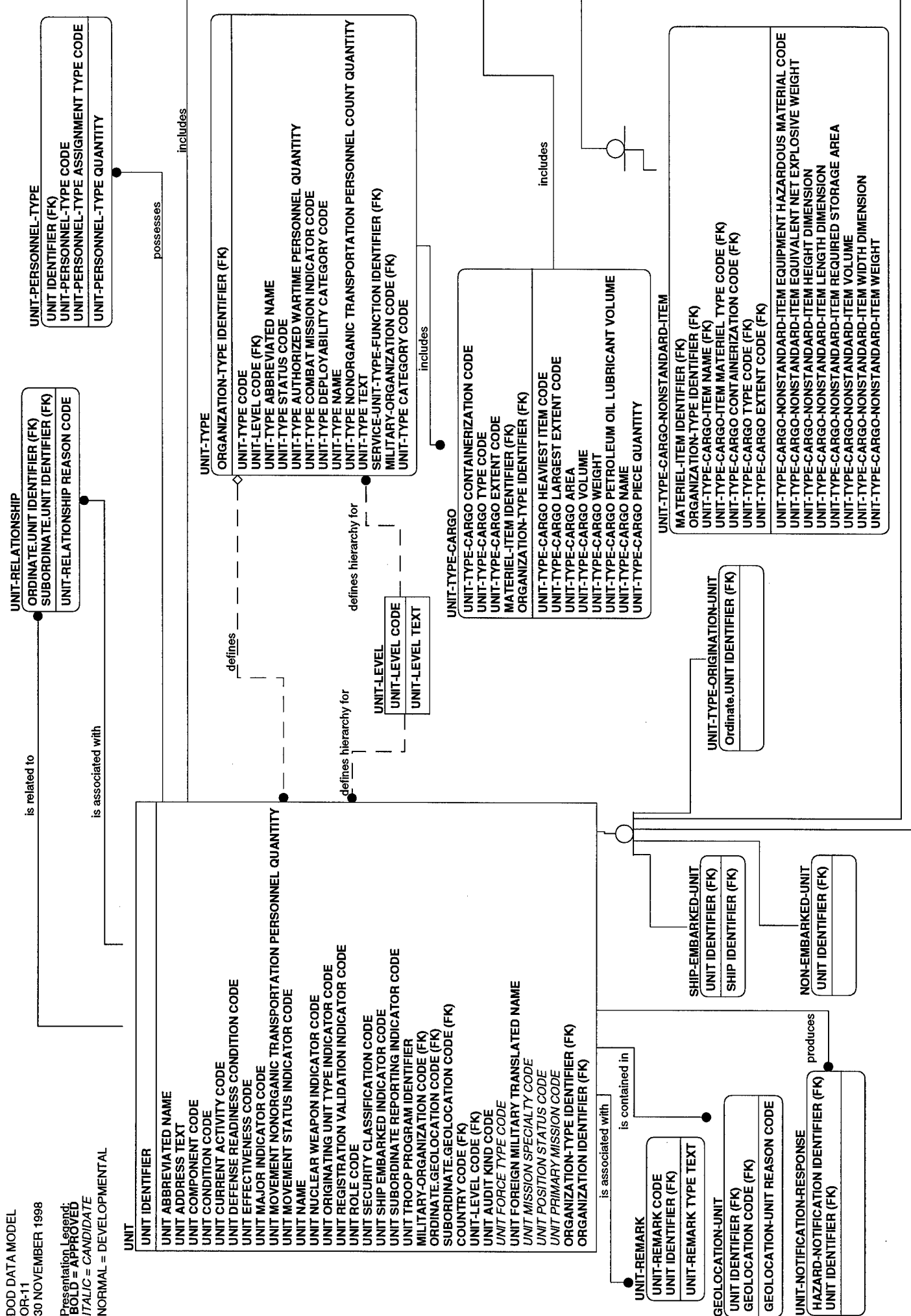
ITALIC = CANDIDATE

NORMAL = DEVELOPMENTAL





OR-11



UNIT-MOVEMENT-CARGO	
UNIT-MOVEMENT-CARGO CONTAINERIZATION CODE	
UNIT-MOVEMENT-CARGO TYPE CODE	
UNIT-MOVEMENT-CARGO EXTENT CODE	
UNIT IDENTIFIER (FK)	
MATERIEL-ITEM IDENTIFIER (FK)	
UNIT-MOVEMENT-CARGO HEAVIEST ITEM CODE	
UNIT-MOVEMENT-CARGO LARGEST EXTENT CODE	

includes

UNIT-MOVEMENT-CARGO-ITEM	
UNIT-MOVEMENT-CARGO CONTAINERIZATION CODE (FK)	
UNIT-MOVEMENT-CARGO-ITEM NAME	
UNIT-MOVEMENT-CARGO EXTENT CODE (FK)	
UNIT IDENTIFIER (FK)	
UNIT-MOVEMENT-CARGO-ITEM MATERIEL TYPE CODE	
MATERIEL-ITEM IDENTIFIER (FK)	
UNIT-MOVEMENT-CARGO TYPE CODE (FK)	
UNIT-MOVEMENT-CARGO-ITEM TYPE COUNT QUANTITY	
EQUIPMENT-TYPE IDENTIFIER (FK)	

is included in

EQUIPMENT-TYPE IDENTIFIER	
EQUIPMENT-TYPE MODEL SERIES IDENTIFIER	
EQUIPMENT-TYPE CARGO AREA	
EQUIPMENT-TYPE CARGO DESCRIPTION TEXT	
EQUIPMENT-TYPE CARGO HEIGHT DIMENSION	
EQUIPMENT-TYPE CARGO LENGTH DIMENSION	
EQUIPMENT-TYPE CARGO VOLUME	
EQUIPMENT-TYPE CARGO WEIGHT	
EQUIPMENT-TYPE CARGO WIDTH DIMENSION	
MATERIEL-ITEM IDENTIFIER (FK)	

is included in

UNIT-TYPE-CARGO-ITEM	
UNIT-TYPE-CARGO-ITEM NAME	
UNIT-TYPE-CARGO CONTAINERIZATION CODE (FK)	
UNIT-TYPE-CARGO TYPE CODE (FK)	
UNIT-TYPE-CARGO EXTENT CODE (FK)	
MATERIEL-ITEM IDENTIFIER (FK)	
ORGANIZATION-TYPE IDENTIFIER (FK)	
UNIT-TYPE-CARGO-ITEM TYPE QUANTITY	
EQUIPMENT-TYPE IDENTIFIER (FK)	

UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM

UNIT-MOVEMENT-CARGO CONTAINERIZATION CODE (FK)	
UNIT-MOVEMENT-CARGO-ITEM NAME (FK)	
UNIT-MOVEMENT-CARGO EXTENT CODE (FK)	
MATERIEL-ITEM IDENTIFIER (FK)	
UNIT IDENTIFIER (FK)	
UNIT-MOVEMENT-CARGO-ITEM MATERIEL TYPE CODE (FK)	
UNIT-MOVEMENT-CARGO TYPE CODE (FK)	
UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM EQUIPMENT HAZARDOUS MATERIAL CODE	
UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM EQUIVALENT NET EXPLOSIVE WEIGHT	
UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM HEIGHT DIMENSION	
UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM LENGTH DIMENSION	
UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM REQUIRED STORAGE AREA	
UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM VOLUME	
UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM WIDTH DIMENSION	
UNIT-MOVEMENT-CARGO-NONSTANDARD-ITEM WEIGHT	

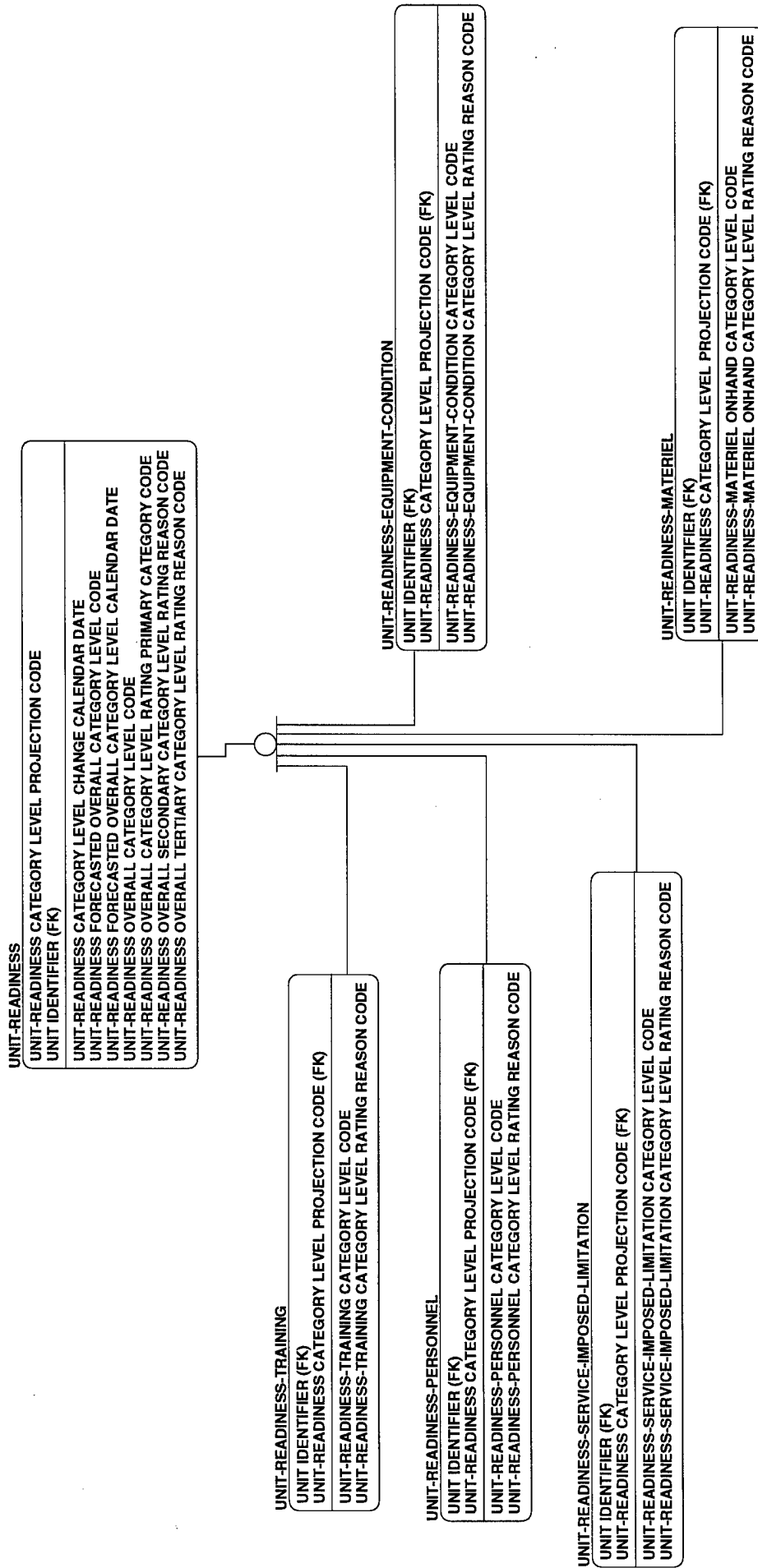
TRANSFERRING-UNIT

UNIT IDENTIFIER (FK)	
TRANSFERRING-UNIT DESTINATION ARRIVAL CALENDAR DATE	
TRANSFERRING-UNIT DEPARTURE CALENDAR DATE	
TRANSFERRING-UNIT EFFECTIVE CALENDAR DATE	

RESERVE-EXTENDED-ACTIVE-DUTY-UNIT

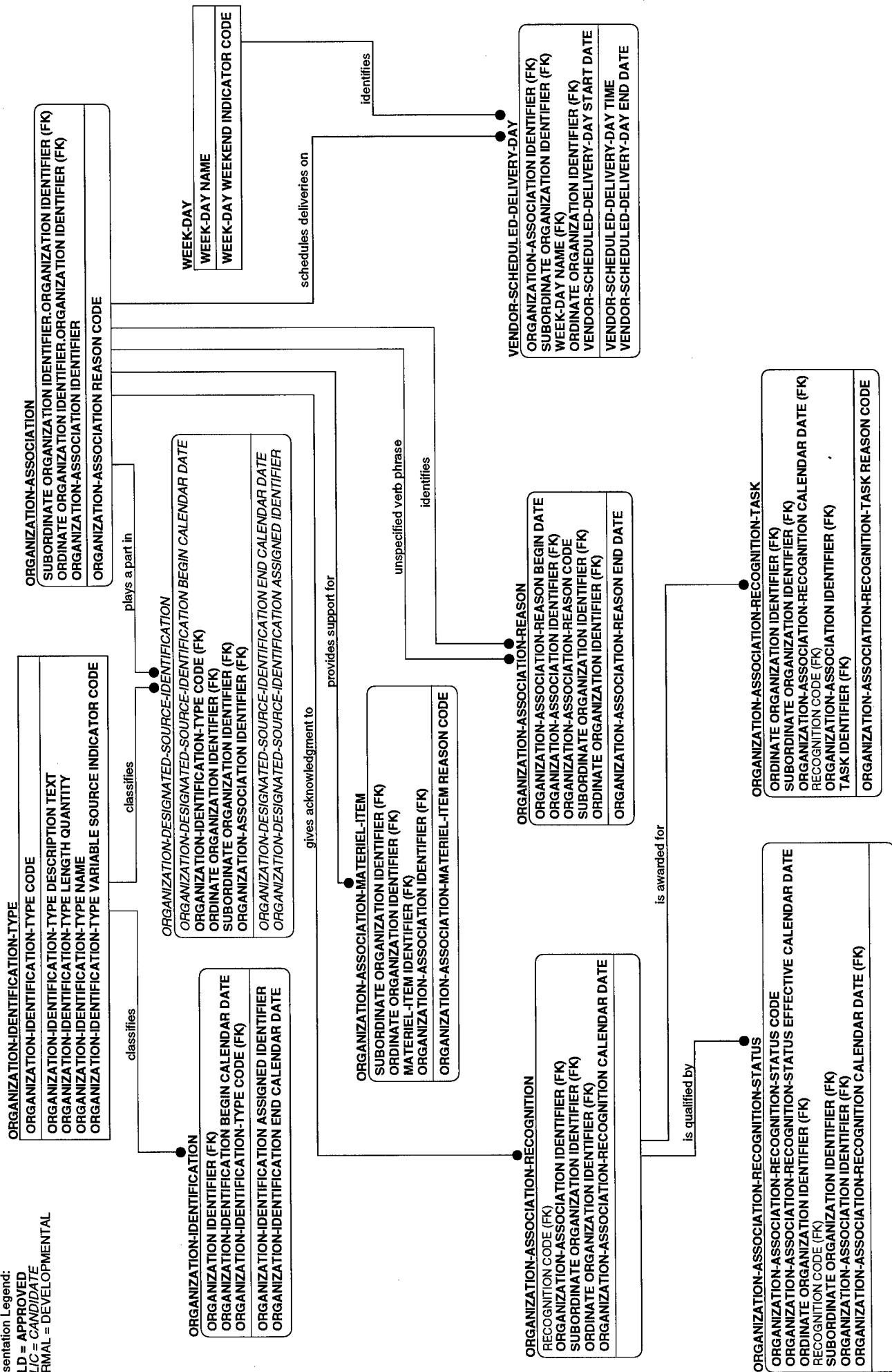
UNIT IDENTIFIER (FK)	
RESERVE-EXTENDED-ACTIVE-DUTY-UNIT MILITARY ACTIVITY CODE	
RESERVE-EXTENDED-ACTIVE-DUTY-UNIT MOBILIZATION RELATIVE DAY QUANTITY	
RESERVE-EXTENDED-ACTIVE-DUTY-UNIT ORDERED CALENDAR DATE	
RESERVE-EXTENDED-ACTIVE-DUTY-UNIT RELEASE CALENDAR DATE	

OR-12



OR-13

Presentation Legend:  
BOLD = APPROVED  
ITALIC = CANDIDATE  
NORMAL = DEVELOPMENTAL



OR-14



Presentation Legend:  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
NORMAL = DEVELOPMENTAL



OR-15

DOD DATA MODEL  
OR-15  
30 NOVEMBER 1998

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

ORGANIZATION	
ORGANIZATION IDENTIFIER	
ORGANIZATION-ECHOLON-TYPE CODE (FK)	
ORGANIZATION TYPE CODE	
ORGANIZATION DESCRIPTION TEXT	
ORGANIZATION CLASSIFICATION CODE	
ORGANIZATION VENDOR INDICATOR CODE	
ORGANIZATION CATEGORY CODE	
ORGANIZATION DURATION TYPE CODE	
ORGANIZATION PRIMARY ACTIVITY CODE	
ORGANIZATION PRIMARY INDUSTRY CATEGORY CODE	
ORGANIZATION ADMINISTRATIVE LOSS RATE	
ORGANIZATION FRIEND FOE CODE	
ORGANIZATION STREET ADDRESS TEXT	
ORGANIZATION COUNTRY CODE	
ORGANIZATION CITY NAME	
ORGANIZATION ENTERPRISE TYPE CODE	
ORGANIZATION-TYPE IDENTIFIER (FK)	
ORGANIZATION NUCLEAR CAPABILITY CODE	
ORGANIZATION ORDER OF BATTLE TYPE CODE	
FORCE-ACTIVITY-DESIGNATOR CODE (FK)	
COUNTRY CODE (FK)	

SELECTION-CRITERION	
SELECTION-CRITERION CODE	
SELECTION-CRITERION DESCRIPTION TEXT	

provides basis for

has

is comprised of

ORGANIZATION-SELECTION-CRITERION	
SELECTION-CRITERION CODE (FK)	
ORGANIZATION IDENTIFIER (FK)	
ORGANIZATION-SELECTION-CRITERION CATEGORY CODE	

is maintained by

unspecified verb phrase

ORGANIZATION-POSITION	
ORGANIZATION IDENTIFIER (FK)	
POSITION IDENTIFIER (FK)	
ORGANIZATION-POSITION ACQUISITION POSITION CODE	

underlying basis of

participates-in

constrained by

ORGANIZATION-POSITION-ACTIVITY-ICOM-MECHANISM	
ORGANIZATION-POSITION-ACTIVITY-ICOM-MECHANISM	
ORGANIZATION IDENTIFIER (FK)	
POSITION IDENTIFIER (FK)	
ACTIVITY-MODEL (FK)	
ICOM IDENTIFIER (FK)	
PROCESS-ACTIVITY (FK)	
ICOM VERSION IDENTIFIER (FK)	
INFORMATION-ASSET VERSION IDENTIFIER (FK)	

P

ORGANIZATION-POSITION-REASON

ORGANIZATION-POSITION-REASON	
ORGANIZATION-POSITION-REASON BEGIN CALENDAR DATE	
ORGANIZATION-POSITION-REASON CODE	
ORGANIZATION IDENTIFIER (FK)	
POSITION IDENTIFIER (FK)	
ORGANIZATION-POSITION-REASON END CALENDAR DATE	

receives

ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT-PERSONNEL-WAIVER

ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT-PERSONNEL-WAIVER	
ORGANIZATION IDENTIFIER (FK)	
ADMINISTRATIVE-EVENT IDENTIFIER (FK)	
POSITION IDENTIFIER (FK)	
ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT RELATIONSHIP CATEGORY CODE (FK)	

unspecified verb phrase

POSITION

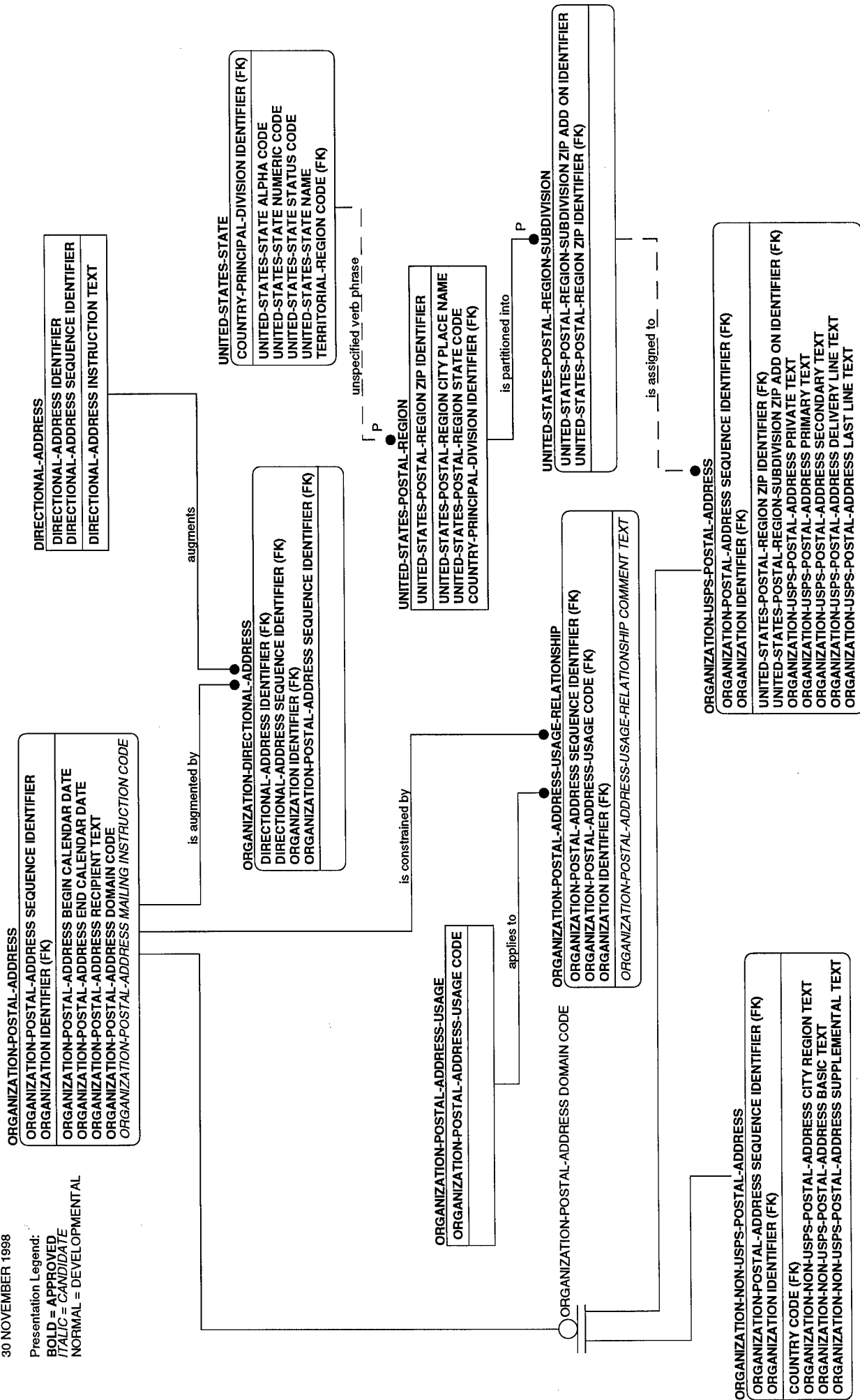
POSITION	
POSITION IDENTIFIER	
UNIFORMED-SERVICE-POSITION-CATEGORY CODE (FK)	
POSITION APPOINTMENT TYPE CODE	
POSITION DEPENDENT TRAVEL CODE	
POSITION DURATION TYPE CODE	
POSITION MANNING CODE	
POSITION MOBILIZATION REQUIREMENT CODE	
POSITION NAME	
POSITION PEACETIME REQUIREMENT CODE	
POSITION TRAVEL FREQUENCY REQUIREMENT CODE	
POSITION TYPE CODE	
POSITION SCHEDULE TYPE CODE	
POSITION WORK SCHEDULE QUANTITY	
POSITION DESCRIPTION TEXT	

ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT

ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT	
ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT RELATIONSHIP CATEGORY CODE	
POSITION IDENTIFIER (FK)	
ORGANIZATION IDENTIFIER (FK)	
ORGANIZATION-POSITION-AFFILIATION-REQUIREMENT TYPE CODE	

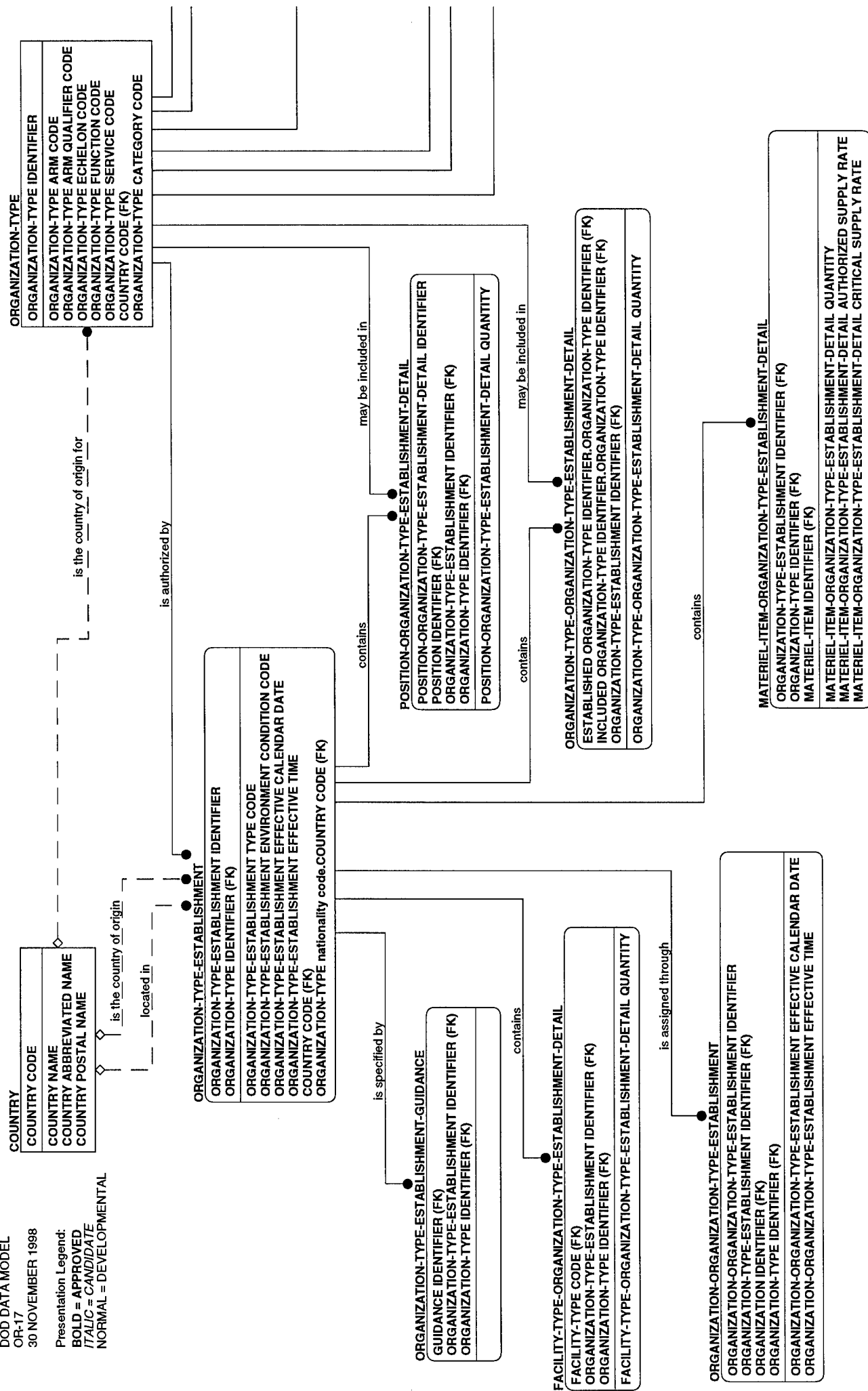
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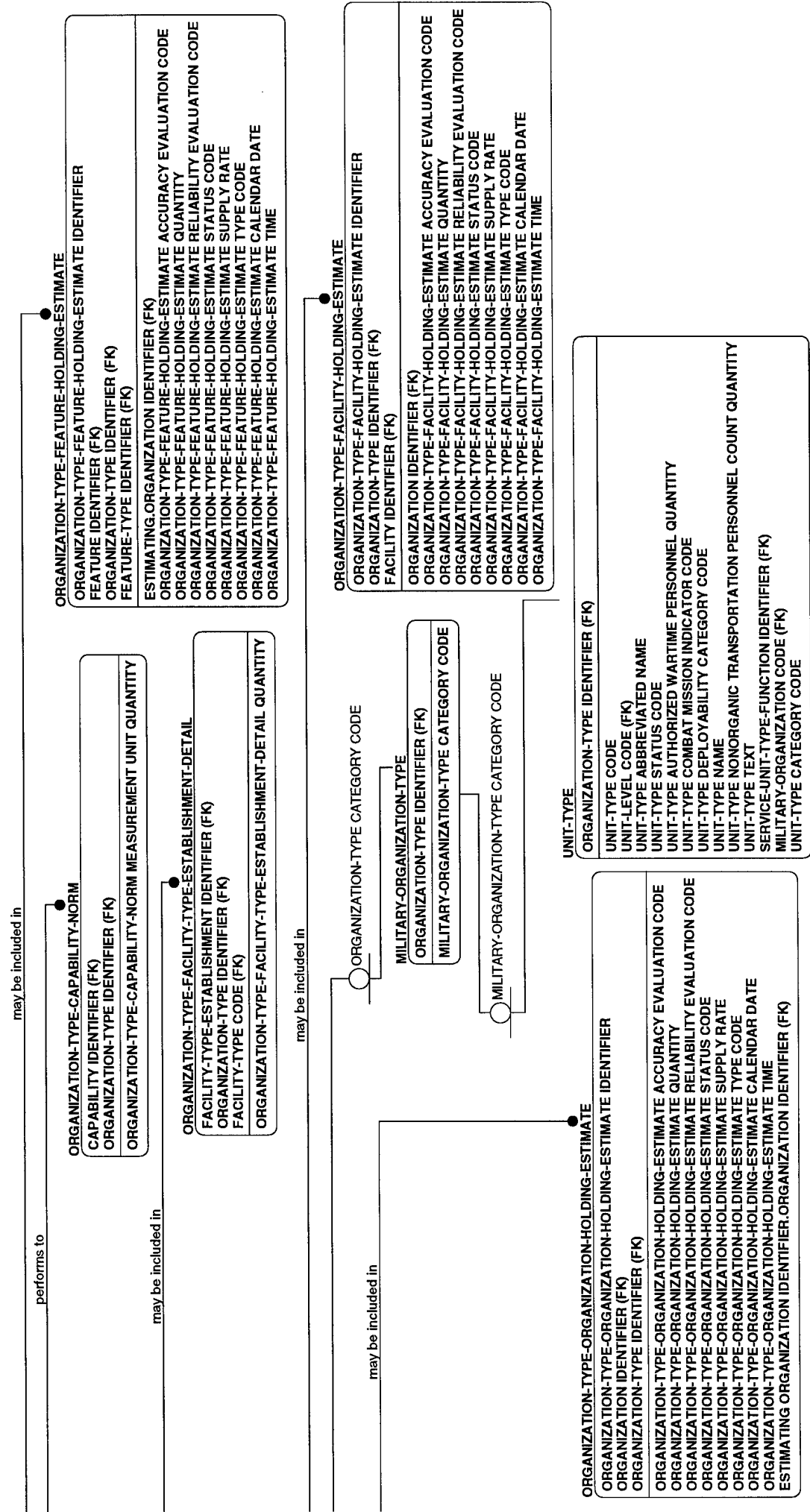
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*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



OR-17

**Presentation Legend:**  
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*ITALIC = CANDIDATE*  
 NORMAL = DEVELOP







OR-18

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

**TERRITORIAL-SERVICE**

<b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE</b>
<b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER</b>
<b>ORGANIZATION IDENTIFIER (FK)</b>
<b>TENDER IDENTIFIER (FK)</b>
<b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>
<b>TERRITORIAL-SERVICE APPLICATION CODE</b>

**TERRITORIAL-SERVICE-E-ASSESSMENT**

<b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b>
<b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>
<b>ORGANIZATION IDENTIFIER (FK)</b>
<b>TENDER IDENTIFIER (FK)</b>
<b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>

**TERRITORIAL-SERVICE-B-ASSESSMENT**

<b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b>
<b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>
<b>ORGANIZATION IDENTIFIER (FK)</b>
<b>TENDER IDENTIFIER (FK)</b>
<b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>
<b>TERRITORIAL-SERVICE-B-ASSESSMENT RAIL INCENTIVE AMOUNT</b>

reference

P

**TERRITORIAL-SERVICE-B-ASSESSMENT-DETAIL**

<b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b>
<b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>
<b>ORGANIZATION IDENTIFIER (FK)</b>
<b>TENDER IDENTIFIER (FK)</b>
<b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>
<b>TERRITORIAL-SERVICE-B-ASSESSMENT-DETAIL MINIMUM WEIGHT</b>
<b>TERRITORIAL-SERVICE-B-ASSESSMENT-DETAIL MINIMUM QUANTITY</b>
<b>TERRITORIAL-SERVICE-B-ASSESSMENT-DETAIL MINIMUM VEHICLE QUANTITY</b>
<b>TERRITORIAL-SERVICE-B-ASSESSMENT-DETAIL CHARGE AMOUNT</b>

**TERRITORIAL-SERVICE-D-ASSESSMENT**

<b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b>
<b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>
<b>ORGANIZATION IDENTIFIER (FK)</b>
<b>TENDER IDENTIFIER (FK)</b>
<b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>
<b>TERRITORIAL-SERVICE-D-ASSESSMENT FREIGHT ALL KINDS CHARGE RATE</b>
<b>TERRITORIAL-SERVICE-D-ASSESSMENT OTHER COMMODITY CHARGE RATE</b>
<b>TERRITORIAL-SERVICE-D-ASSESSMENT MINIMUM CHARGE RATE</b>

**TERRITORIAL-SERVICE-A-ASSESSMENT**

<b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b>
<b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>
<b>ORGANIZATION IDENTIFIER (FK)</b>
<b>TENDER IDENTIFIER (FK)</b>
<b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>

**TERRITORIAL-SERVICE-C-ASSESSMENT**

<b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b>
<b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>
<b>ORGANIZATION IDENTIFIER (FK)</b>
<b>TENDER IDENTIFIER (FK)</b>
<b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>

reference

P

**TERRITORIAL-SERVICE-C-ASSESSMENT-DETAIL**

<b>TERRITORIAL-SERVICE ASSESSMENT QUALIFIER CODE (FK)</b>
<b>TERRITORIAL-SERVICE SEQUENCE IDENTIFIER (FK)</b>
<b>TERRITORIAL-SERVICE-C-ASSESSMENT-DETAIL SEQUENCE IDENTIFIER</b>
<b>ORGANIZATION IDENTIFIER (FK)</b>
<b>TENDER IDENTIFIER (FK)</b>
<b>TENDER SUPPLEMENT IDENTIFIER (FK)</b>
<b>TERRITORIAL-SERVICE-C-ASSESSMENT-DETAIL MINIMUM QUANTITY</b>

OR-19

DOD DATA MODEL

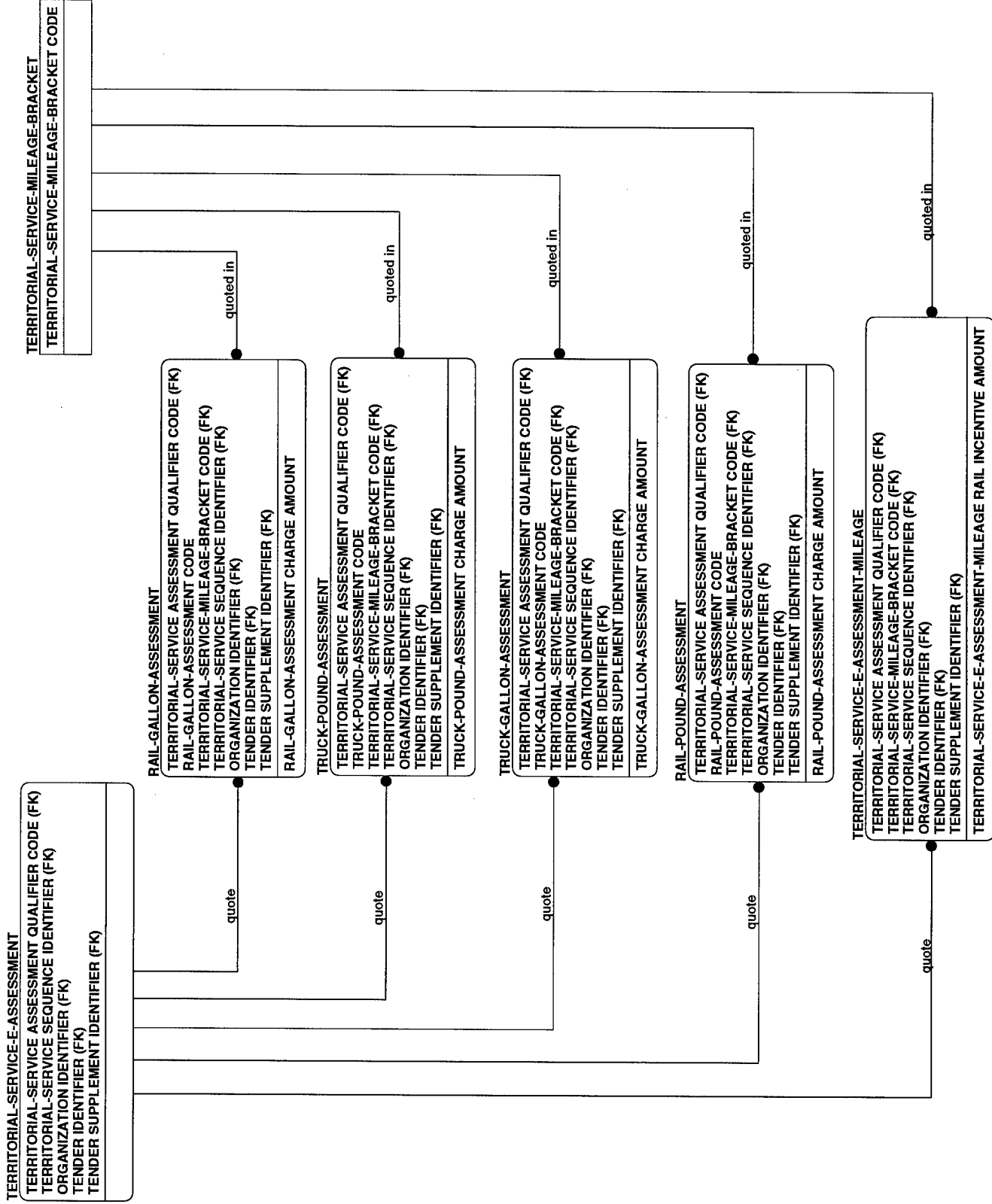
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30 NOVEMBER 1998

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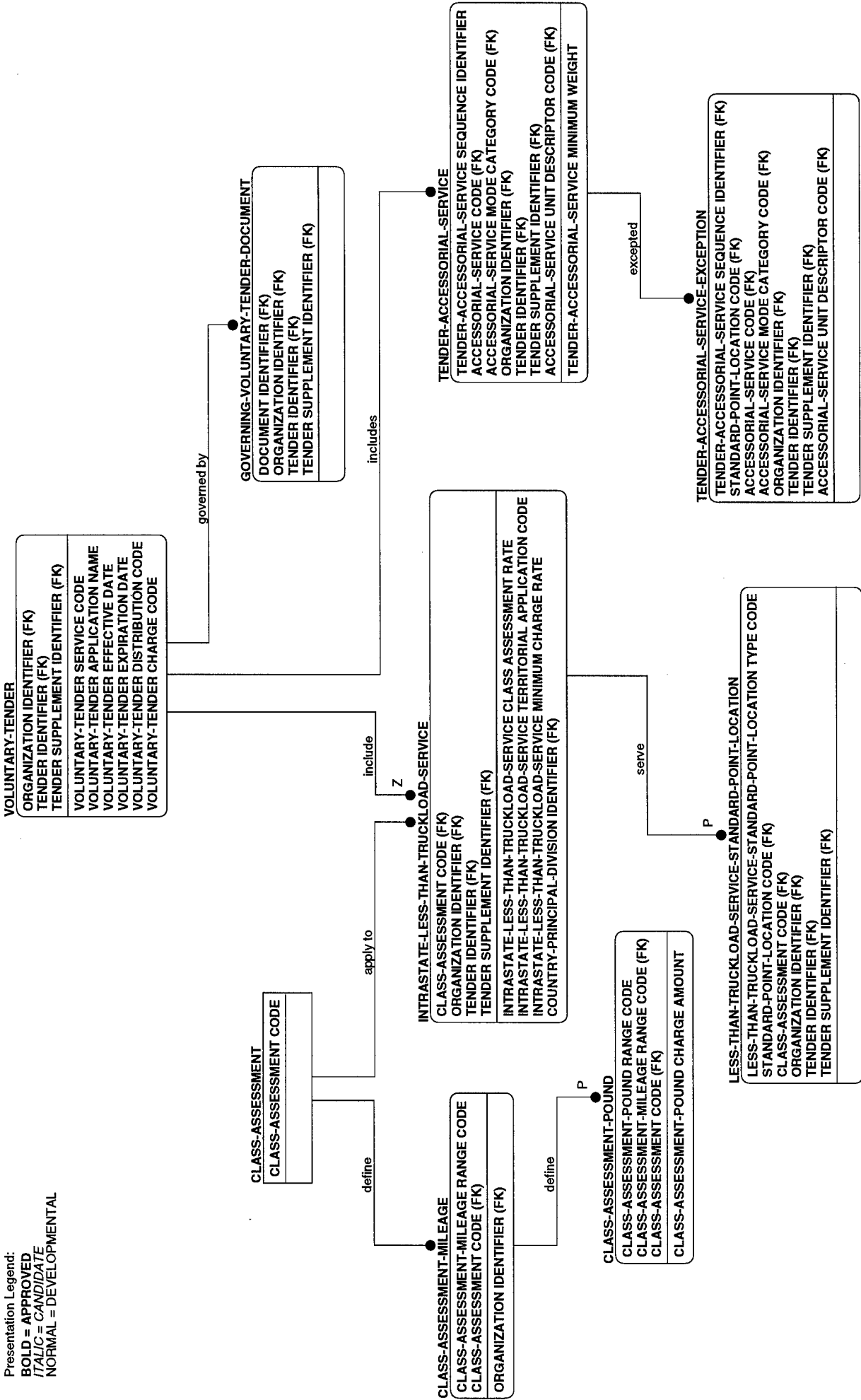
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NORMAL = DEVELOPMENTAL



OR-20

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



OR-21

**VOLUNTARY-TENDER**

ORGANIZATION IDENTIFIER (FK)
TENDER IDENTIFIER (FK)
TENDER SUPPLEMENT IDENTIFIER (FK)
VOLUNTARY-TENDER SERVICE CODE
VOLUNTARY-TENDER APPLICATION NAME
VOLUNTARY-TENDER EFFECTIVE DATE
VOLUNTARY-TENDER EXPIRATION DATE
VOLUNTARY-TENDER DISTRIBUTION CODE
VOLUNTARY-TENDER CHARGE CODE

offer

**VOLUNTARY-TENDER-OFFERED-EQUIPMENT-TYPE**

VOLUNTARY-TENDER-OFFERED-EQUIPMENT-TYPE IDENTIFIER
ORGANIZATION IDENTIFIER (FK)
TENDER IDENTIFIER (FK)
TENDER SUPPLEMENT IDENTIFIER (FK)
TRANSPORTATION-EQUIPMENT-TYPE CODE (FK)
VOLUNTARY-TENDER-OFFERED-EQUIPMENT-TYPE LENGTH DIMENSION
VOLUNTARY-TENDER-OFFERED-EQUIPMENT-TYPE LOAD CAPACITY WEIGHT
VOLUNTARY-TENDER-OFFERED-EQUIPMENT-TYPE VOLUME
VOLUNTARY-TENDER-OFFERED-EQUIPMENT-TYPE AXLE QUANTITY

include

**POINT-TO-POINT-SERVICE**

POINT-TO-POINT-SERVICE ASSESSMENT QUALIFIER CODE
ORGANIZATION IDENTIFIER (FK)
TENDER IDENTIFIER (FK)
TENDER SUPPLEMENT IDENTIFIER (FK)

lists

P

**POINT-TO-POINT-ASSESSMENT**

TO POINT-TO-POINT-RATE STANDARD-POINT-LOCATION CODE
STANDARD-POINT-LOCATION CODE (FK)
POINT-TO-POINT-ASSESSMENT SEQUENCE IDENTIFIER
POINT-TO-POINT-SERVICE ASSESSMENT QUALIFIER CODE (FK)
FROM POINT-TO-POINT STANDARD-POINT-LOCATION CODE
STANDARD-POINT-LOCATION CODE (FK)
ORGANIZATION IDENTIFIER (FK)
TENDER IDENTIFIER (FK)
TENDER SUPPLEMENT IDENTIFIER (FK)
POINT-TO-POINT-ASSESSMENT CHARGE AMOUNT
POINT-TO-POINT-ASSESSMENT APPLICATION CODE

reference

referenced by

**VOLUNTARY-TENDER-OPERATING-AUTHORITY**

INTERSTATE-COMMERCE-COMMISSION-OPERATING-AUTHORITY IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
TENDER IDENTIFIER (FK)
TENDER SUPPLEMENT IDENTIFIER (FK)

serve

**INTERSTATE-COMMERCE-COMMISSION-OPERATING-AUTHORITY**

INTERSTATE-COMMERCE-COMMISSION-OPERATING-AUTHORITY IDENTIFIER
ORGANIZATION IDENTIFIER (FK)
INTERSTATE-COMMERCE-COMMISSION-OPERATING-AUTHORITY ISSUE CALENDAR DATE

include

**INTRASTATE-TRUCKLOAD-SERVICE**

INTRASTATE-TRUCKLOAD-SERVICE SEQUENCE IDENTIFIER
INTRASTATE-TRUCKLOAD-SERVICE ASSESSMENT QUALIFIER CODE
ORGANIZATION IDENTIFIER (FK)
TENDER IDENTIFIER (FK)
TENDER SUPPLEMENT IDENTIFIER (FK)
INTRASTATE-TRUCKLOAD-SERVICE MINIMUM WEIGHT
INTRASTATE-TRUCKLOAD-SERVICE TERRITORIAL APPLICATION CODE
COUNTRY-PRINCIPAL-DIVISION IDENTIFIER (FK)

**POINT-TO-POINT-SERVICE-MINIMUM**

POINT-TO-POINT-SERVICE-MINIMUM SEQUENCE IDENTIFIER
POINT-TO-POINT-SERVICE ASSESSMENT QUALIFIER CODE (FK)
ORGANIZATION IDENTIFIER (FK)
TENDER IDENTIFIER (FK)
TENDER SUPPLEMENT IDENTIFIER (FK)
POINT-TO-POINT-SERVICE-MINIMUM WEIGHT
POINT-TO-POINT-SERVICE-MINIMUM VOLUME
POINT-TO-POINT-SERVICE-MINIMUM QUANTITY

**TRUCKLOAD-SERVICE-STANDARD-POINT-LOCATION**

TRUCKLOAD-SERVICE-STANDARD-POINT-LOCATION ROLE CODE
INTRASTATE-TRUCKLOAD-SERVICE ASSESSMENT QUALIFIER CODE (FK)
STANDARD-POINT-LOCATION CODE (FK)
INTRASTATE-TRUCKLOAD-SERVICE SEQUENCE IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
TENDER IDENTIFIER (FK)
TENDER SUPPLEMENT IDENTIFIER (FK)

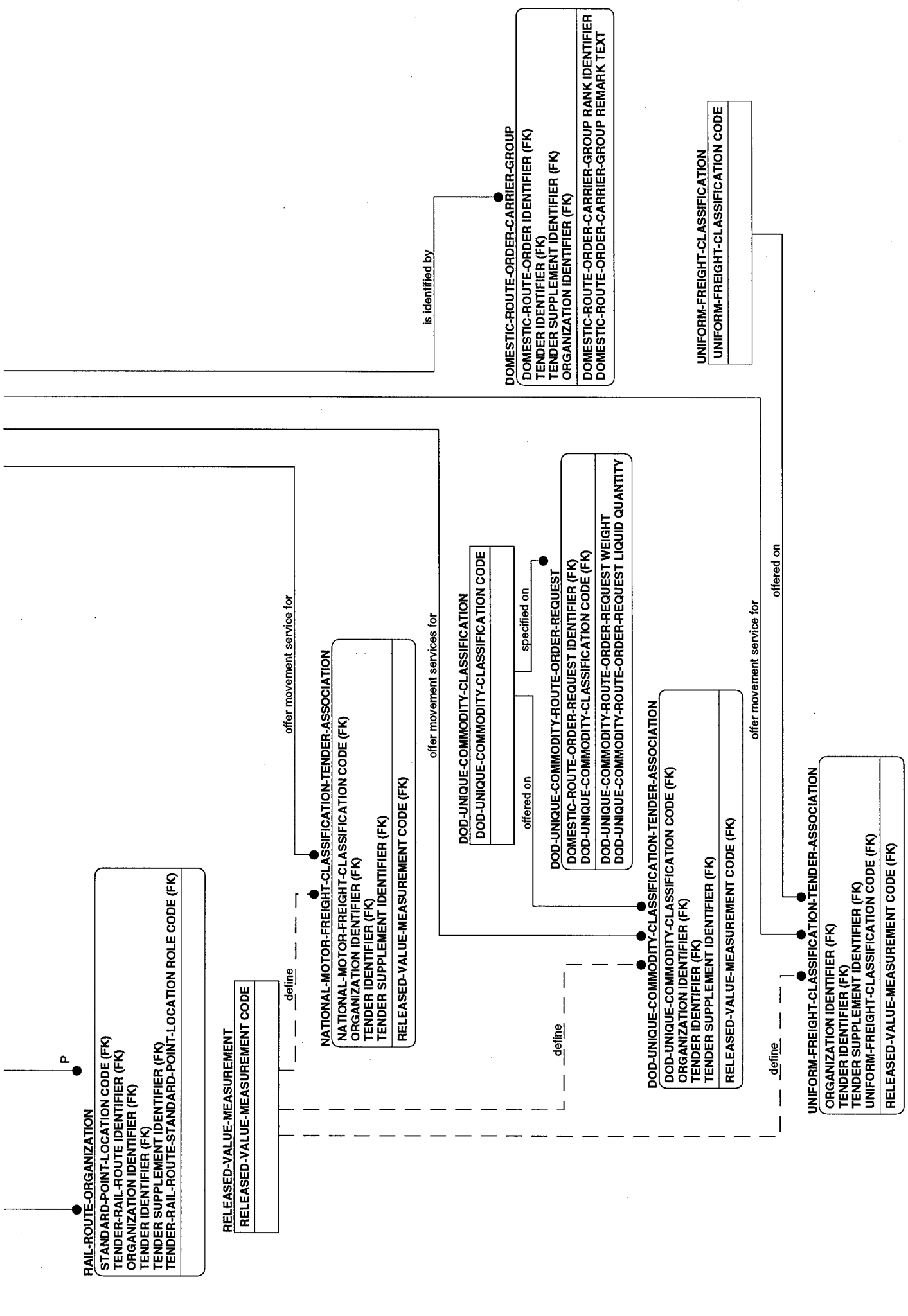
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OR-22

**NORMAL = DEVELOPMENTAL**





OR-23

ORGANIZATION	
ORGANIZATION IDENTIFIER	
ORGANIZATION-ECHELON-TYPE CODE (FK)	
ORGANIZATION TYPE CODE	
ORGANIZATION DESCRIPTION TEXT	
ORGANIZATION CLASSIFICATION CODE	
ORGANIZATION VENDOR INDICATOR CODE	
ORGANIZATION CATEGORY CODE	
ORGANIZATION DURATION TYPE CODE	
ORGANIZATION PRIMARY ACTIVITY CODE	
ORGANIZATION PRIMARY INDUSTRY CATEGORY CODE	
ORGANIZATION ADMINISTRATIVE LOSS RATE	
ORGANIZATION FRIEND FOE CODE	
ORGANIZATION STREET ADDRESS TEXT	
ORGANIZATION COUNTRY NAME	
ORGANIZATION CODE	
ORGANIZATION CITY NAME	
ORGANIZATION ENTERPRISE TYPE CODE	
ORGANIZATION-TYPE IDENTIFIER (FK)	
ORGANIZATION NUCLEAR CAPABILITY CODE	
ORGANIZATION ORDER OF BATTLE TYPE CODE	
FORCE-ACTIVITY-DESIGNATOR CODE (FK)	
COUNTRY CODE (FK)	

TRANSPORTATION-EQUIPMENT-TYPE	
TRANSPORTATION-EQUIPMENT-TYPE CODE	

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TRANSPORTATION-EQUIPMENT	
TRANSPORTATION-EQUIPMENT IDENTIFIER	
ORGANIZATION IDENTIFIER (FK)	
TRANSPORTATION-EQUIPMENT-TYPE CODE (FK)	
TRANSPORTATION-EQUIPMENT LENGTH DIMENSION	
TRANSPORTATION-EQUIPMENT LOAD CAPACITY WEIGHT	
TRANSPORTATION-EQUIPMENT TARE WEIGHT	
TRANSPORTATION-EQUIPMENT INTERNAL VOLUME	
TRANSPORTATION-EQUIPMENT AXLE QUANTITY	
TRANSPORTATION-EQUIPMENT DESCRIPTION TEXT	

TRANSPORTATION-EQUIPMENT-SEAL

ORGANIZATION IDENTIFIER (FK)
TRANSPORTATION-EQUIPMENT-SEAL IDENTIFIER
TRANSPORTATION-EQUIPMENT IDENTIFIER (FK)
TRANSPORTATION-EQUIPMENT-SEAL AFFIX DATE
TRANSPORTATION-EQUIPMENT-SEAL CONDITION CODE

SEAVAN-CONTAINER

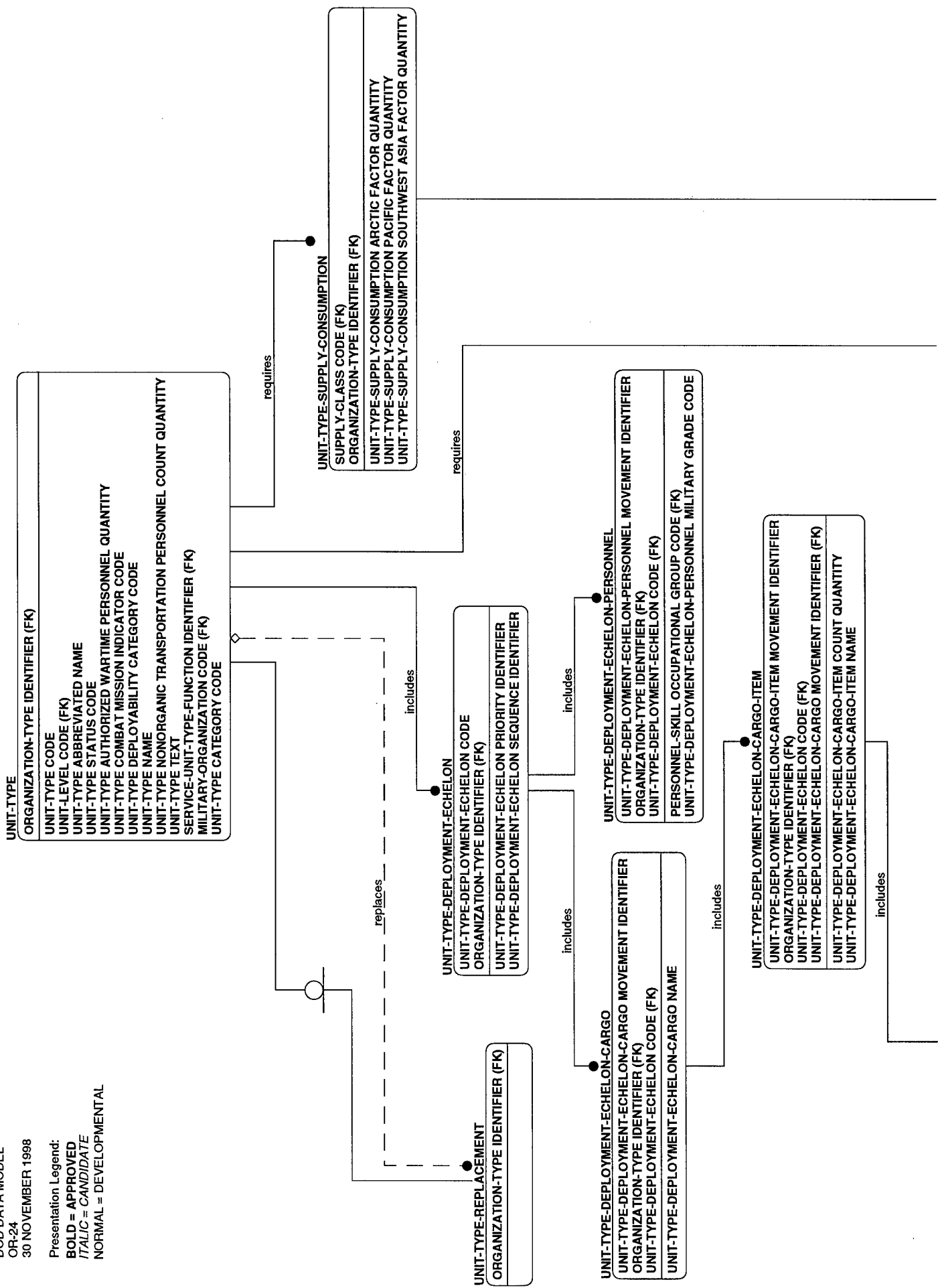
TRANSPORTATION-EQUIPMENT IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
SEAVAN-CONTAINER BEAM ASSEMBLY QUANTITY
SEAVAN-CONTAINER CHECK DIGIT IDENTIFIER

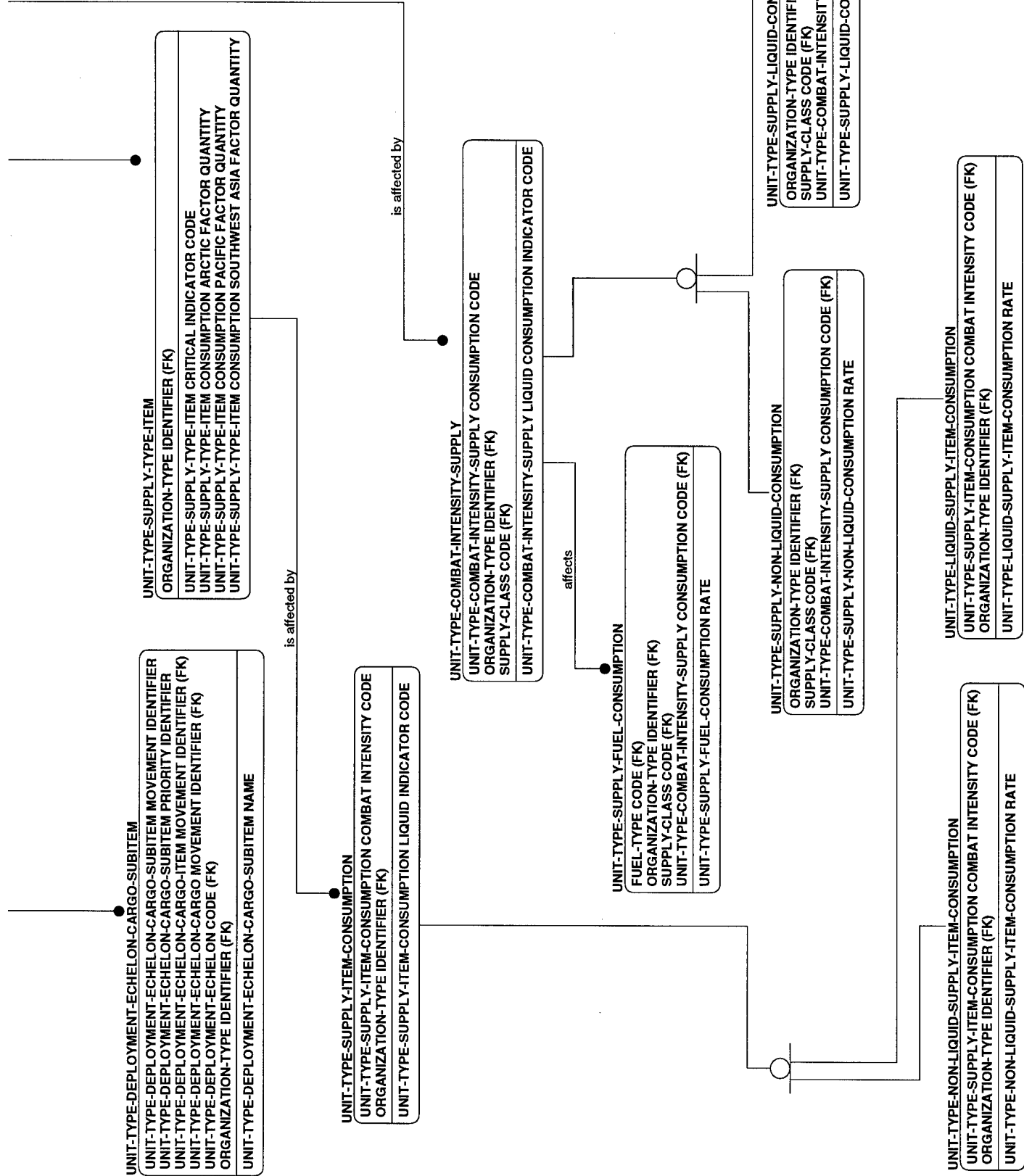
ROLL-ON-ROLL-OFF-CONTAINER

TRANSPORTATION-EQUIPMENT IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
ROLL-ON-ROLL-OFF-CONTAINER TYPE CODE

OR-24

Presentation Legend:  
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NORMAL = DEVELOPMENTAL







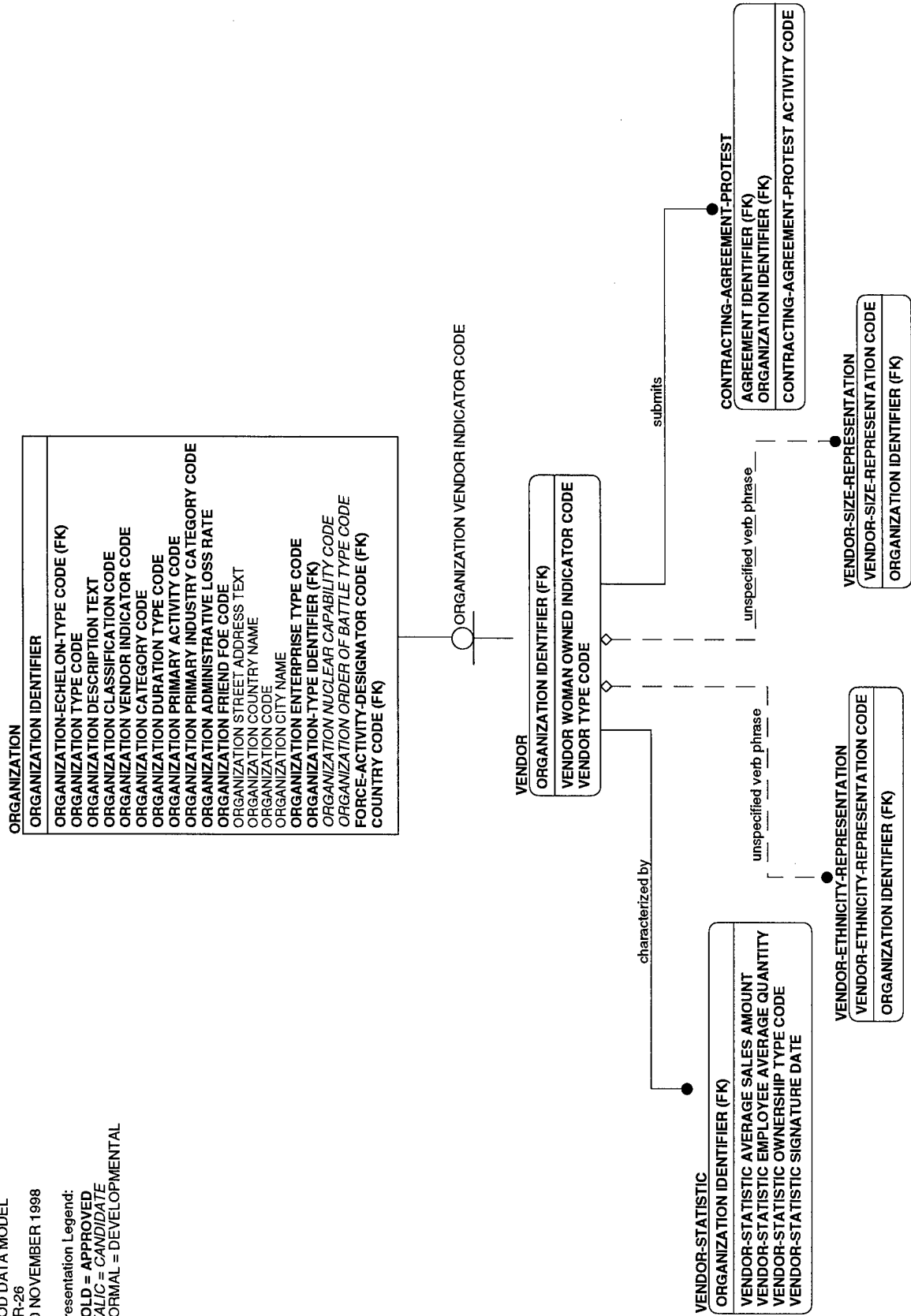
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OR-26

Presentation Legend:  
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NORMAL = DEVELOPMENTAL



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DOD DATA MODEL  
OR-27

30 NOVEMBER 1998

Presentation Legend:

BOLD = APPROVED

*ITALIC* = CANDIDATE

NORMAL = DEVELOPMENTAL

creates

ORGANIZATION

ORGANIZATION IDENTIFIER

ORGANIZATION-ECHOLON-TYPE CODE (FK)

ORGANIZATION TYPE CODE

ORGANIZATION DESCRIPTION TEXT

ORGANIZATION CLASSIFICATION CODE

ORGANIZATION VENDOR INDICATOR CODE

ORGANIZATION CATEGORY CODE

ORGANIZATION DURATION TYPE CODE

ORGANIZATION PRIMARY ACTIVITY CODE

ORGANIZATION ADMINISTRATIVE LOSS RATE

ORGANIZATION FRIEND FOE CODE

ORGANIZATION STREET ADDRESS TEXT

ORGANIZATION COUNTRY NAME

ORGANIZATION CODE

ORGANIZATION CITY NAME

ORGANIZATION ENTERPRISE TYPE CODE

ORGANIZATION-TYPE IDENTIFIER (FK)

ORGANIZATION NUCLEAR CAPABILITY CODE

ORGANIZATION ORDER OF BATTLE TYPE CODE

FORCE-ACTIVITY-DESIGNATOR CODE (FK)

COUNTRY CODE (FK)

is referenced by

PERSON-ORGANIZATION

ORGANIZATION IDENTIFIER (FK)

PERSON IDENTIFIER (FK)

PERSON-ORGANIZATION BEGIN CALENDAR DATE

PERSON-ORGANIZATION BEGIN TIME

PERSON-ORGANIZATION END CALENDAR DATE

PERSON-ORGANIZATION PROJECTED END CALENDAR DATE

PERSON-ORGANIZATION PERSON ROLE CODE

PERSON-ORGANIZATION END TIME

unspecified verb phrase

EXPORT-TRAFFIC-RELEASE-REQUEST

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION CALENDAR DATE

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION TIME

ORGANIZATION IDENTIFIER (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST LADING TERM CODE

EXPORT-TRAFFIC-RELEASE-REQUEST TYPE CODE

EXPORT-TRAFFIC-RELEASE-REQUEST SERVICE CODE

PERSON-ORGANIZATION BEGIN TIME (FK)

PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)

PERSON IDENTIFIER (FK)

specifies

ask for

DOD-UNIQUE-COMMODITY-EXPORT-REQUEST

DOD-UNIQUE-COMMODITY-CLASSIFICATION CODE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION CALENDAR DATE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION TIME (FK)

ORGANIZATION IDENTIFIER (FK)

DOD-UNIQUE-COMMODITY-EXPORT-REQUEST LIQUID QUANTITY

DOD-UNIQUE-COMMODITY-EXPORT-REQUEST WEIGHT

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE SEQUENCE IDENTIFIER

TRANSPORTATION-EQUIPMENT-TYPE CODE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION CALENDAR DATE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION TIME (FK)

ORGANIZATION IDENTIFIER (FK)

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE QUANTITY

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE VOLUME

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE LENGTH DIMENSION

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE LOAD CAPACITY WEIGHT

REQUESTED-TRANSPORTATION-EQUIPMENT-TYPE AXLE QUANTITY

specifies

specifies

NATIONAL-MOTOR-FREIGHT-CLASSIFICATION

NATIONAL-MOTOR-FREIGHT-CLASSIFICATION CODE

EXPORT-TRAFFIC-RELEASE-REQUEST-WATER-COMMODITY  
WATER-COMMODITY CODE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION CALENDAR DATE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION TIME (FK)

ORGANIZATION IDENTIFIER (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST-WATER-COMMODITY WEIGHT

EXPORT-TRAFFIC-RELEASE-REQUEST-WATER-COMMODITY VOLUME

MOTOR-COMMODITY-EXPORT-REQUEST

NATIONAL-MOTOR-FREIGHT-CLASSIFICATION CODE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION CALENDAR DATE (FK)

EXPORT-TRAFFIC-RELEASE-REQUEST CREATION TIME (FK)

ORGANIZATION IDENTIFIER (FK)

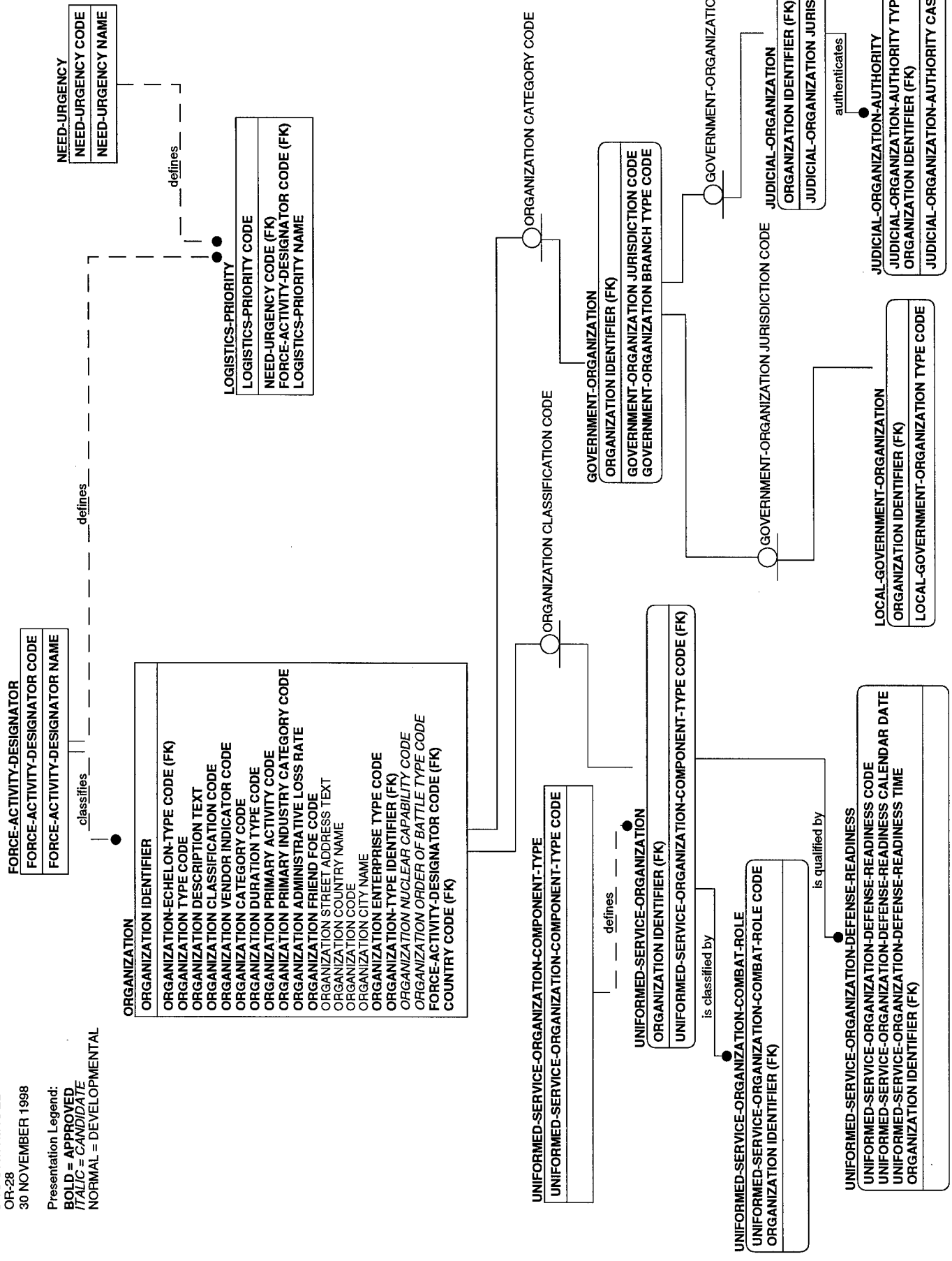
MOTOR-COMMODITY-EXPORT-REQUEST LIQUID QUANTITY

MOTOR-COMMODITY-EXPORT-REQUEST WEIGHT

is specified on

OR-28

Presentation Legend:  
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*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL





OR-29

DOD DATA MODEL  
OR-29  
30 NOVEMBER 1998

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL

**CAPABILITY**

<b>CAPABILITY IDENTIFIER</b>
<b>CAPABILITY MEASUREMENT UNIT CODE</b>
<b>CAPABILITY TYPE CODE</b>

is used in

is the subject of

makes

is referenced by

P

<b>ORGANIZATION-NAME</b>
<b>ORGANIZATION-NAME BEGIN DATE</b>
<b>ORGANIZATION-NAME CATEGORY CODE</b>
<b>ORGANIZATION-NAME END DATE</b>
<b>ORGANIZATION-NAME TEXT</b>

<b>ORGANIZATION-CAPABILITY-ESTIMATE</b>
<b>ORGANIZATION IDENTIFIER (FK)</b>
<b>CAPABILITY IDENTIFIER (FK)</b>
<b>ESTIMATOR ORGANIZATION IDENTIFIER (FK)</b>
<b>ORGANIZATION-CAPABILITY-ESTIMATE IDENTIFIER</b>
<b>ORGANIZATION-CAPABILITY-ESTIMATE ACCURACY EVALUATION CODE</b>
<b>ORGANIZATION-CAPABILITY-ESTIMATE CALENDAR DATE</b>
<b>ORGANIZATION-CAPABILITY-ESTIMATE MEASUREMENT UNIT QUANTITY</b>
<b>ORGANIZATION-CAPABILITY-ESTIMATE RELIABILITY EVALUATION CODE</b>
<b>ORGANIZATION-CAPABILITY-ESTIMATE TIME</b>

is used as

**ORGANIZATION-NAME-USAGE**

<b>ORGANIZATION-NAME-USAGE CODE</b>
<b>ORGANIZATION-NAME BEGIN DATE (FK)</b>
<b>ORGANIZATION-NAME CATEGORY CODE (FK)</b>
<b>ORGANIZATION IDENTIFIER (FK)</b>

**VENDOR**

<b>ORGANIZATION IDENTIFIER (FK)</b>
<b>VENDOR WOMAN OWNED INDICATOR CODE</b>
<b>VENDOR TYPE CODE</b>

<b>ORGANIZATION</b>
<b>ORGANIZATION IDENTIFIER</b>
<b>ORGANIZATION-ECHOLON-TYPE CODE (FK)</b>
<b>ORGANIZATION TYPE CODE</b>
<b>ORGANIZATION DESCRIPTION TEXT</b>
<b>ORGANIZATION CLASSIFICATION CODE</b>
<b>ORGANIZATION VENDOR INDICATOR CODE</b>
<b>ORGANIZATION CATEGORY CODE</b>
<b>ORGANIZATION DURATION TYPE CODE</b>
<b>ORGANIZATION PRIMARY ACTIVITY CODE</b>
<b>ORGANIZATION PRIMARY INDUSTRY CATEGORY CODE</b>
<b>ORGANIZATION ADMINISTRATIVE LOSS RATE</b>
<b>ORGANIZATION FRIEND FOE CODE</b>
<b>ORGANIZATION STREET ADDRESS TEXT</b>
<b>ORGANIZATION COUNTRY NAME</b>
<b>ORGANIZATION CITY NAME</b>
<b>ORGANIZATION ENTERPRISE TYPE CODE</b>
<b>ORGANIZATION-TYPE IDENTIFIER (FK)</b>
<b>ORGANIZATION NUCLEAR CAPABILITY CODE</b>
<b>ORGANIZATION ORDER OF BATTLE TYPE CODE</b>
<b>FORCE-ACTIVITY-DESIGNATOR CODE (FK)</b>
<b>COUNTRY CODE (FK)</b>

originates

receives

ORGANIZATION-OPERATIONAL-STATUS

ORGANIZATION IDENTIFIER (FK)

<b>ORGANIZATION-OPERATIONAL-STATUS IDENTIFIER</b>
<b>ORGANIZATION-OPERATIONAL-STATUS PROTECTION LEVEL CODE</b>
<b>ORGANIZATION-OPERATIONAL-STATUS CALENDAR DATE</b>
<b>ORGANIZATION-OPERATIONAL-STATUS TIME</b>
<b>ORGANIZATION-OPERATIONAL-STATUS CODE</b>
<b>ORGANIZATION-OPERATIONAL-STATUS POSTURE CODE</b>
<b>ORGANIZATION-OPERATIONAL-STATUS RADIATION QUANTITY</b>
<b>ORGANIZATION-OPERATIONAL-STATUS VULNERABILITY CODE</b>

is associated with

ORGANIZATION CATEGORY CODE

**TAXING-AUTHORITY**

**ORGANIZATION IDENTIFIER (FK)**

PROTEST-ORGANIZATION

ORGANIZATION IDENTIFIER (FK)

PROTEST IDENTIFIER (FK)

PROTEST-ASSOCIATION

ORDINATE.(ORGANIZATION IDENTIFIER,PROTEST IDENTIFIER) (FK)

SUBORDINATE.(PROTEST IDENTIFIER,ORGANIZATION IDENTIFIER) (FK)

**PRIVATE-SECTOR-ORGANIZATION**

ORGANIZATION IDENTIFIER (FK)

<b>PRIVATE-SECTOR-ORGANIZATION OFFSET AUTHORIZATION CODE</b>
<b>PRIVATE-SECTOR-ORGANIZATION OWNERSHIP FORM CODE</b>
<b>PRIVATE-SECTOR-ORGANIZATION FINANCIAL CHARTER CODE</b>
<b>PRIVATE-SECTOR-ORGANIZATION OWNERSHIP CODE</b>

unspecified verb phrase

**TEMPORARY-ORGANIZATION**

ORGANIZATION IDENTIFIER (FK)

TEMPORARY-ORGANIZATION PROJECTED DURATION QUANTITY

**PRIVATE-SECTOR-ORGANIZATION-NET-WORTH**

PRIVATE-SECTOR-ORGANIZATION-NET-WORTH DATE

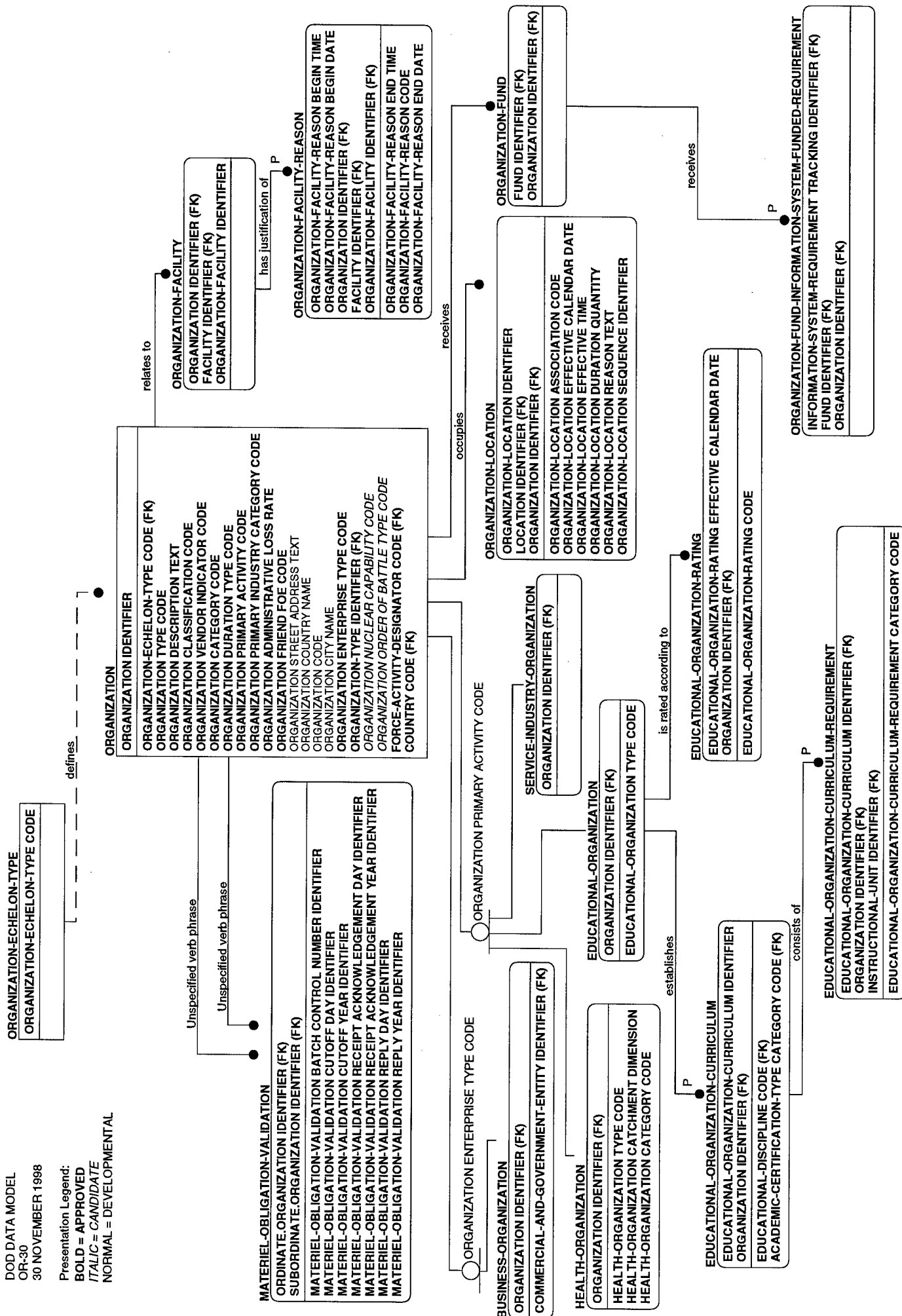
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PRIVATE-SECTOR-ORGANIZATION-NET-WORTH AMOUNT

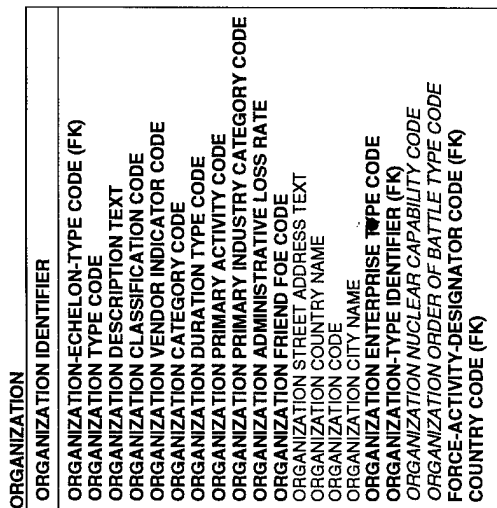
OR-30

DOD DATA MODEL  
OR-30  
30 NOVEMBER 1998

Presentation Legend:  
**BOLD** = APPROVED  
*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



OR-31



UNIFORMED-SERVICE-ORGANIZATION

ORGANIZATION IDENTIFIER (FK)

UNIFORMED-SERVICE-ORGANIZATION-COMPONENT-TYPE CODE (FK)

ORGANIZATION ENTERPRISE TYPE CODE

BUSINESS-ORGANIZATION

ORGANIZATION IDENTIFIER (FK)

COMMERCIAL-AND-GOVERNMENT-ENTITY IDENTIFIER (FK)

ORGANIZATION VENDOR INDICATOR CODE

VENDOR

ORGANIZATION IDENTIFIER (FK)

VENDOR WOMAN OWNED INDICATOR CODE

VENDOR TYPE CODE

ORGANIZATION DURATION TYPE CODE

ORGANIZATION PRIMARY ACTIVITY CODE

SERVICE-INDUSTRY-ORGANIZATION

ORGANIZATION IDENTIFIER (FK)

EDUCATIONAL-ORGANIZATION

ORGANIZATION IDENTIFIER (FK)

EDUCATIONAL-ORGANIZATION TYPE CODE

FINANCIAL-INSTITUTION

ORGANIZATION IDENTIFIER (FK)

FINANCIAL-INSTITUTION TYPE CODE

HEALTH-ORGANIZATION

ORGANIZATION IDENTIFIER (FK)

HEALTH-ORGANIZATION TYPE CODE

HEALTH-ORGANIZATION CATCHMENT DIMENSION

HEALTH-ORGANIZATION CATEGORY CODE

FINANCIAL-INSTITUTION TYPE CODE

HEALTH-ORGANIZATION TYPE CODE

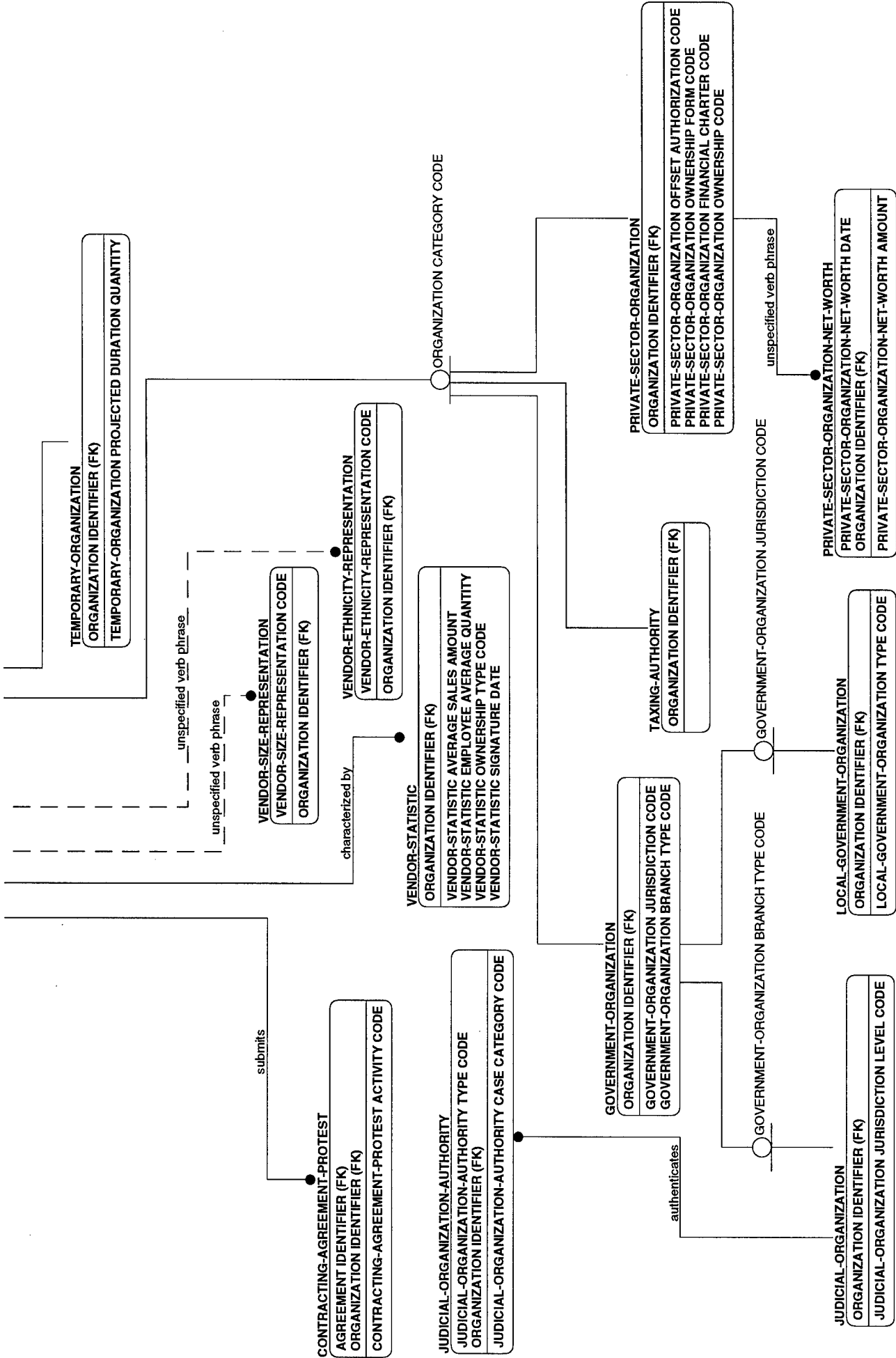
DISBURSING-OFFICE

ORGANIZATION IDENTIFIER (FK)

HOSPITAL-ORGANIZATION

ORGANIZATION IDENTIFIER (FK)

HOSPITAL-ORGANIZATION TYPE CODE

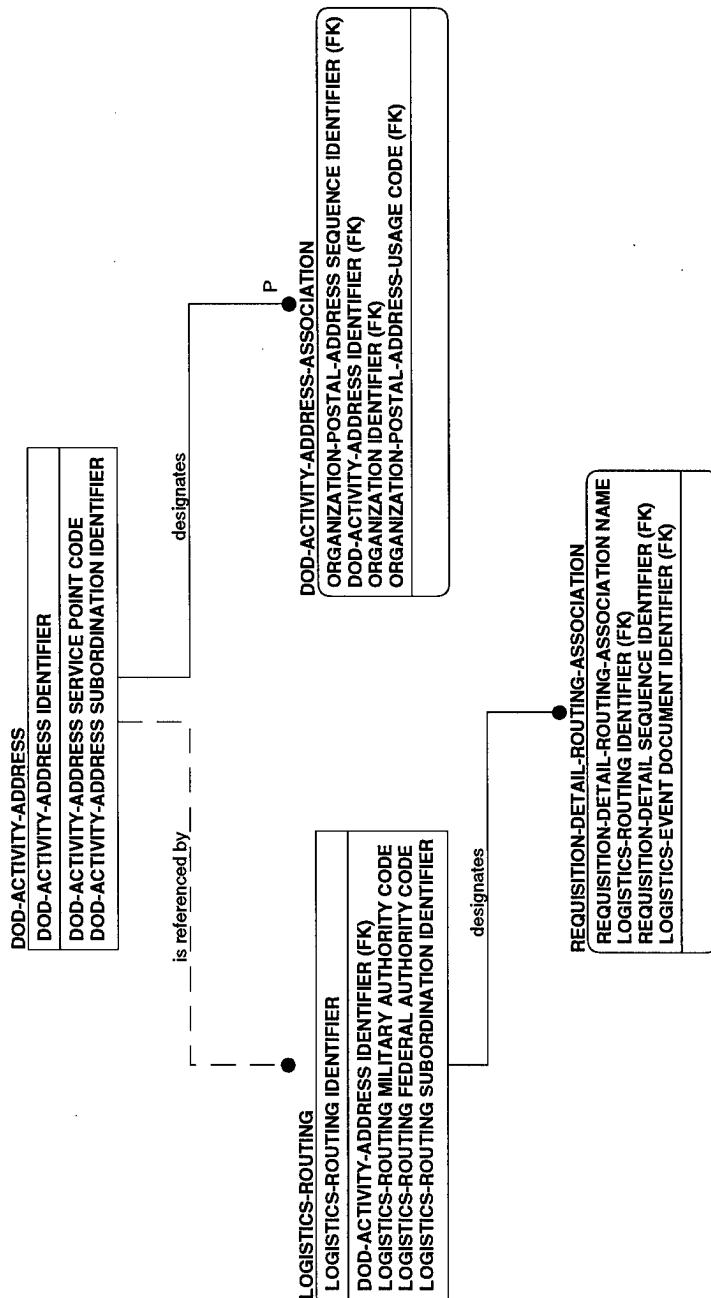


OR-32



DOD DATA MODEL  
OR-32  
30 NOVEMBER 1998

Presentation Legend:  
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*ITALIC* = CANDIDATE  
NORMAL = DEVELOPMENTAL



OR-33

Presentation Legend:  
**BOLD = APPROVED**  
*ITALIC = CANDIDATE*  
NORMAL = DEVELOPMENTAL

